



VIA ELECTRONIC MAIL

October 31, 2018

Mr. Alexander Wardle
Virginia Department of Environmental Quality
Northern Regional Office
13901 Crown Court
Woodbridge, Virginia, 22193

RE: Third Quarter 2018 CAP Monitoring Report
Inactive Fairfax Facility # 26140
9901 Georgetown Pike
Great Falls, Fairfax County, Virginia
PC# 2010-3028

Dear Mr. Wardle:

Kleinfelder, on behalf of Fairfax Petroleum Realty, LLC (Fairfax), is submitting this Corrective Action Plan (CAP) Monitoring Report for the above-referenced facility (Site).

Fairfax Petroleum and Kleinfelder appreciate the continued guidance of the DEQ in the successful completion of this project. Please feel free to contact us at (410) 850-0404 should you have questions.

Sincerely,

KLEINFELDER

A handwritten signature in blue ink, appearing to read "Evan McMullen".

Evan McMullen
Geologist

A handwritten signature in blue ink, appearing to read "Mark C. Steele".

Mark C. Steele
Senior Program Manager

Attachment

cc: Mr. Monty Berhane – Fairfax Petroleum Realty, LLC



CAP MONITORING REPORT – THIRD QUARTER 2018
INACTIVE FAIRFAX FACILITY # 26140
9901 GEORGETOWN PIKE
GREAT FALLS, FAIRFAX COUNTY, VIRGINIA

REGULATORY INFORMATION

Regulatory Agency:	Virginia Department of Environmental Quality (DEQ)
Agency Contact:	Mr. Alexander Wardle
Pollution Complaint No.:	2010-3028
Current Case Status:	Post Remediation Groundwater Monitoring per DEQ Email dated August 8, 2018
Reporting Period:	July 1 through September 30, 2018
Last Report:	CAP Monitoring Report (CMR), July 31, 2018

GENERAL SITE INFORMATION

Fairfax Petroleum Realty Contact:	Mr. Monty Berhane
Consultant Contact:	Mr. Mark C. Steele
Facility Status:	The property has been redeveloped into a retail bank branch. The former station structures were removed in March 2016. The underground storage tank (UST) system was removed in August 2012.
Area Property Use:	See Local Area Map (Figure 1)
Site Well Network:	MW-1 through MW-3, MW-5, MW-6S, MW-6D, MW-7, MW-9 through MW-12D, MW-15 through MW-20D, MW-21I, MW-21S, MW-22, MW-23D, MW-24, MW-25D, MW-26D, W-1 through W-7, PW-1, and RW-1 (Figure 2 and Table 1)
Site Geology:	Schist saprolite grading to competent schist bedrock
Groundwater Flow Directions:	Southeast

ACTIVITIES COMPLETED THIS PERIOD

Monitoring, Bedrock, and CMT Well Gauging and Sampling

September 5 and 6, 2018

Groundwater gauging and sampling was conducted on the Site monitoring well network, including open bedrock wells and the CMT well (MW-17D) during the Third Quarter 2018. Groundwater gauging was conducted during the sampling event and as an independent activity to monitor groundwater elevations. The gauging data used to generate potentiometric surface maps is included on **Table 2** and depicted on **Figures 3 and 4**. With the exception of the CMT well, the sampled monitoring wells were purged using the low-flow parameter stabilization sampling methodology with a submersible electric pump and YSI multi-parameter water quality meter. Groundwater samples were submitted under chain of custody protocol to Lancaster Laboratories for analysis of full list volatile organic compounds (VOCs), including benzene, toluene, ethylbenzene, total xylenes (BTEX), methyl tertiary butyl ether (MTBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), ethyl tertiary butyl ether (ETBE), and di-isopropyl ether (DIPE) using EPA Method 8260B.

Summaries of groundwater analytical results are presented in **Table 3** and are included on **Figures 3 and 4**. The Lancaster Laboratories Analysis Report for the groundwater sampling event are included as **Appendix A**. A summary of the gauging and sampling conducted during the Third Quarter 2018 is provided below.

Wells Gauged and Sampled:	MW-1R, MW-2, MW-5R, MW-6S, MW-6D(85), MW-7, MW-10, MW-11, MW-12D(110), MW-15, MW-16D(95), MW-17D, MW-18D, MW-19D, MW-23D, MW-24, MW-25D(90), MW-26D(78), SVE-2, PW-1(65), and RW-1
Wells Gauged Only:	MW-3, MW-9, MW-20D, MW-21S/I, MW-22, MW-27S/I, W-1 through W-7, and GFSCMW-3

Minimum/Maximum Depth to Water: 2.01 feet (MW-26D) / 43.62 feet (MW-19D)
Shallow Groundwater Flow Direction: Southeast
Shallow Hydraulic Gradient: 0.017 ft/ft between MW-5R and MW-22
Deep Groundwater Flow Direction: Southeast
Deep Hydraulic Gradient: 0.015 ft/ft between PW-1 and MW-20D(73-83)

Groundwater gauging and sampling was conducted September 5 and 6, 2018. Groundwater samples were collected from on and off-site monitoring wells in accordance with the monitoring schedule presented in the October 2, 2014 CAP Addendum (CAPA) as modified by the DEQ and communicated in the March 2, 2015 CAPA Approval letter. The off-site monitoring wells located on the Great Falls Shopping Center property and at 9289 Georgetown Pike were not sampled due to the reopening of PC# 2003-3230 associated with the former Shell station. Per DEQ letter to Motiva Enterprises, LLC (Motiva) dated September 19, 2018 for PC# 2003-3230, Motiva was requested to complete four additional semi-annual sampling events of monitoring wells W-1, W-2, W-7, MW-20 series, MW-21 series, MW-22, and MW-27 series. Groundwater monitoring and analytical data for the shallow and deep monitoring wells is summarized in **Table 3**.

THIRD QUARTER 2018 REMEDIAL ACTIVITIES

The groundwater recovery system operated until August 10, 2018 when it was taken off-line with DEQ approval. In an email from the DEQ dated August 8, 2018, the DEQ indicated that shut down appears warranted and post closure monitoring will continue for two years to continue to verify that CAP objectives continue to be met.

Groundwater recovery system operations and maintenance (O&M) activities were completed during the quarter. Typical groundwater recovery system O&M activities included system performance and permit-required sample collection, maintaining a record of system performance data, equipment inspection and preventative maintenance, and exchanging consumable materials, as necessary. A summary of system performance during the Third Quarter is included below.

Groundwater Recovery System

Percent Run Time Third Quarter 2018:	100% (June 21, 2018 through August 10, 2018)
Technique:	Groundwater is extracted from one extraction well (RW-1) via an electric submersible pump.
Permits:	VPDES Permit # VAG830477
Discharge Monitoring Frequency:	Monthly
Extraction Wells Open:	RW-1 (June 21, 2018 to August 10, 2018)
Average Flow Rate:	3.38 gpm (total)
Estimated MTBE Mass Removal:	Reporting Period (June 21, 2018 through August 10, 2018): 0.56 pounds Since system start-up (August 28, 2014 through August 10, 2018): 346.12 pounds

Remediation system groundwater monitoring, performance data, and system operation and maintenance visits are summarized in **Table 4**.

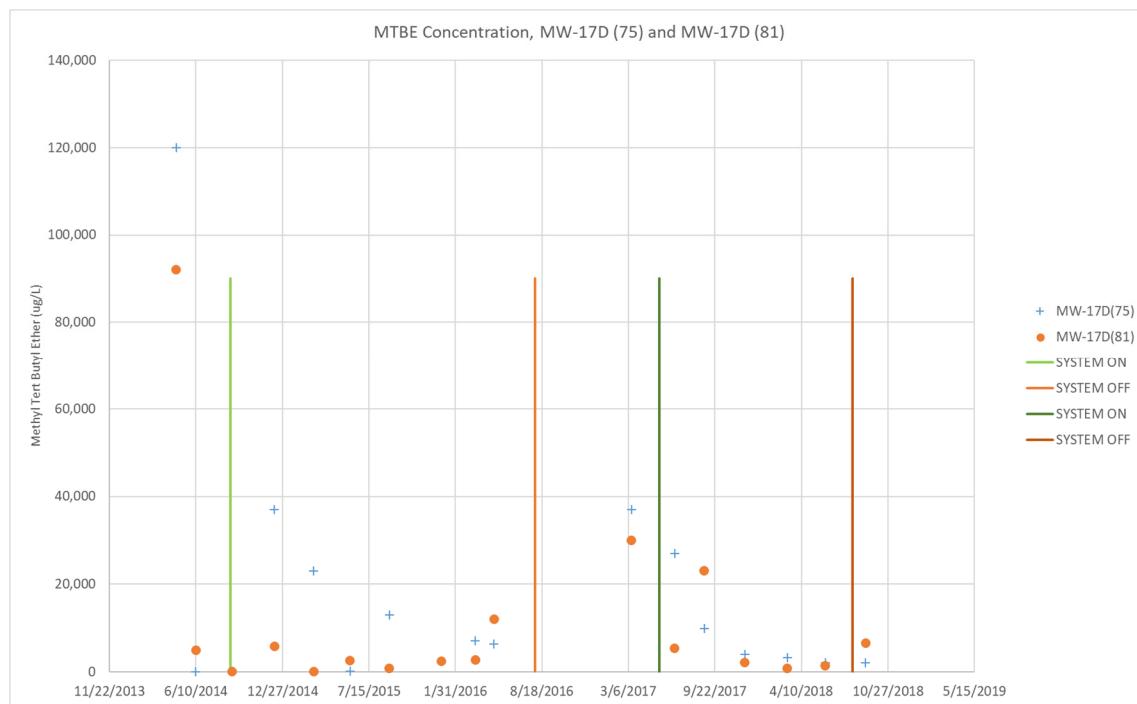
Two groundwater recovery system effluent samples were collected for laboratory analysis in the reporting period (**Appendix B**). In accordance with the Virginia Pollution Discharge Elimination System (VPDES) permit samples were analyzed for BTEX, MTBE, and chlorinated VOCs once monthly.

DATA ANALYSIS

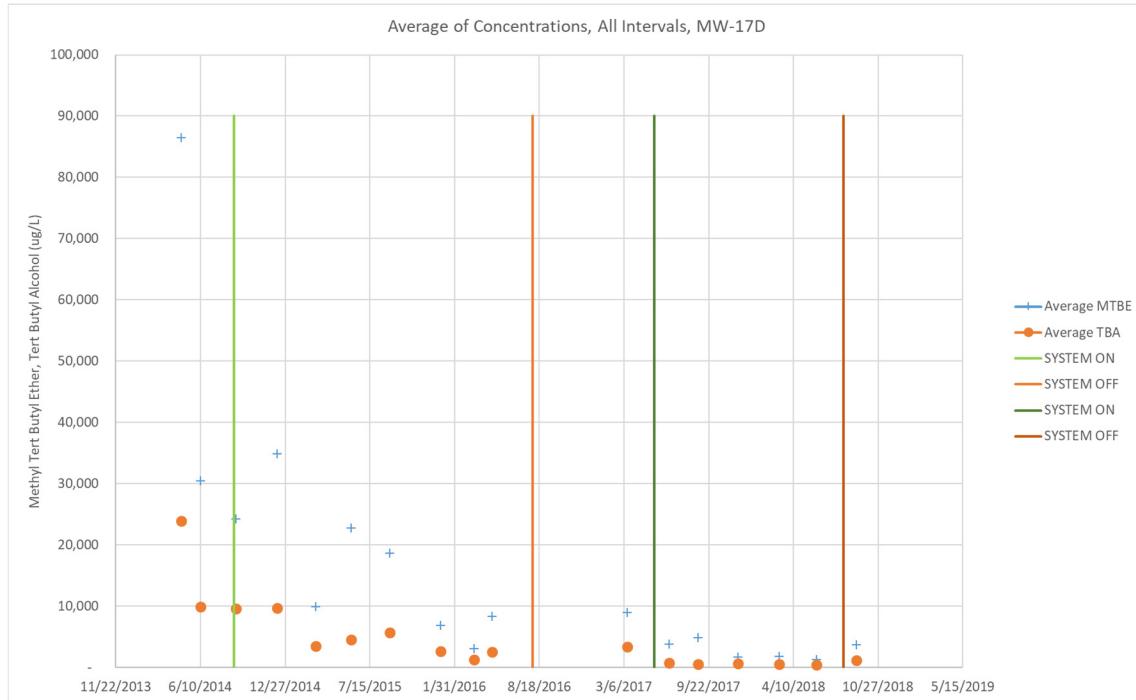
During the Third Quarter 2018, the MTBE concentration in the overburden monitoring wells ranged from below laboratory detection limits to 25 micrograms per liter ($\mu\text{g}/\text{L}$) (MW-1R). The MTBE concentration in the off-site deep wells ranged from below laboratory detection limits to 4 $\mu\text{g}/\text{L}$ (MW-23D). As compared to the June 2018 sampling results increases in MTBE concentration were observed at MW-17D (75), MW-17D (81), and RW-

1. The increase observed at RW-1 (i.e. 430 µg/L to 760 µg/L) is considered attributable to this location being less affected by the introduction of groundwater without MTBE, which was entering the well during pumping.

At MW-17D, two intervals, at 75 and 81 feet below grade, exhibited increases in MTBE concentrations compared to conditions during system operation. These two intervals have historically demonstrated greater variability than the other sample intervals at MW-17D. The MW-17D (75) MTBE concentration increased approximately seven times whereas MW-17D (81) MTBE concentration increased approximately three times over the last sampling event. As presented below, similar increases in MTBE concentrations were observed when the system operation was suspended in August 2016.



Historically, the period prior to system operation, and following system operation suspension in August 2017, also exhibited greater average (all sample intervals) MTBE and TBA concentrations, as shown below. The recent observed fluctuation in concentrations is on a consistent trend with these historical highs, and still reflect the fact that the mass of MTBE and TBA continues to attenuate following each change in operating conditions. It is anticipated that concentrations will decrease due to attenuation in subsequent sampling events.



ACTIVITIES PLANNED FOR NEXT PERIOD (FOURTH QUARTER 2018)

Activities planned for the Fourth Quarter 2018 include one groundwater sampling event.

LIMITATIONS

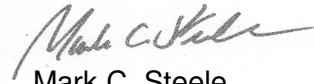
This work was performed in a manner consistent with that level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. Our conclusions, opinions and recommendations are based on a limited number of observations and data. It is possible that conditions could vary between or beyond the data evaluated. Kleinfelder makes no other representation, guarantee or warranty, express or implied, regarding the services, communication (oral or written), report, opinion, or instrument of service provided.

Mr. Alexander Wardle
DEQ Northern Regional Office

Sincerely,
KLEINFELDER



Evan McMullen
Geologist



Mark C. Steele
Senior Program Manager



Nathan Stevens, P.G.
Senior Hydrogeologist

FIGURES

- 1 Local Area Map
- 2 Site Plan
- 3 Hydrocarbon Distribution / Groundwater Contour Map – Shallow Wells
(September 5 and 6, 2018)
- 4 Hydrocarbon Distribution / Groundwater Contour Map – Deep Wells
(September 5 and 6, 2018)

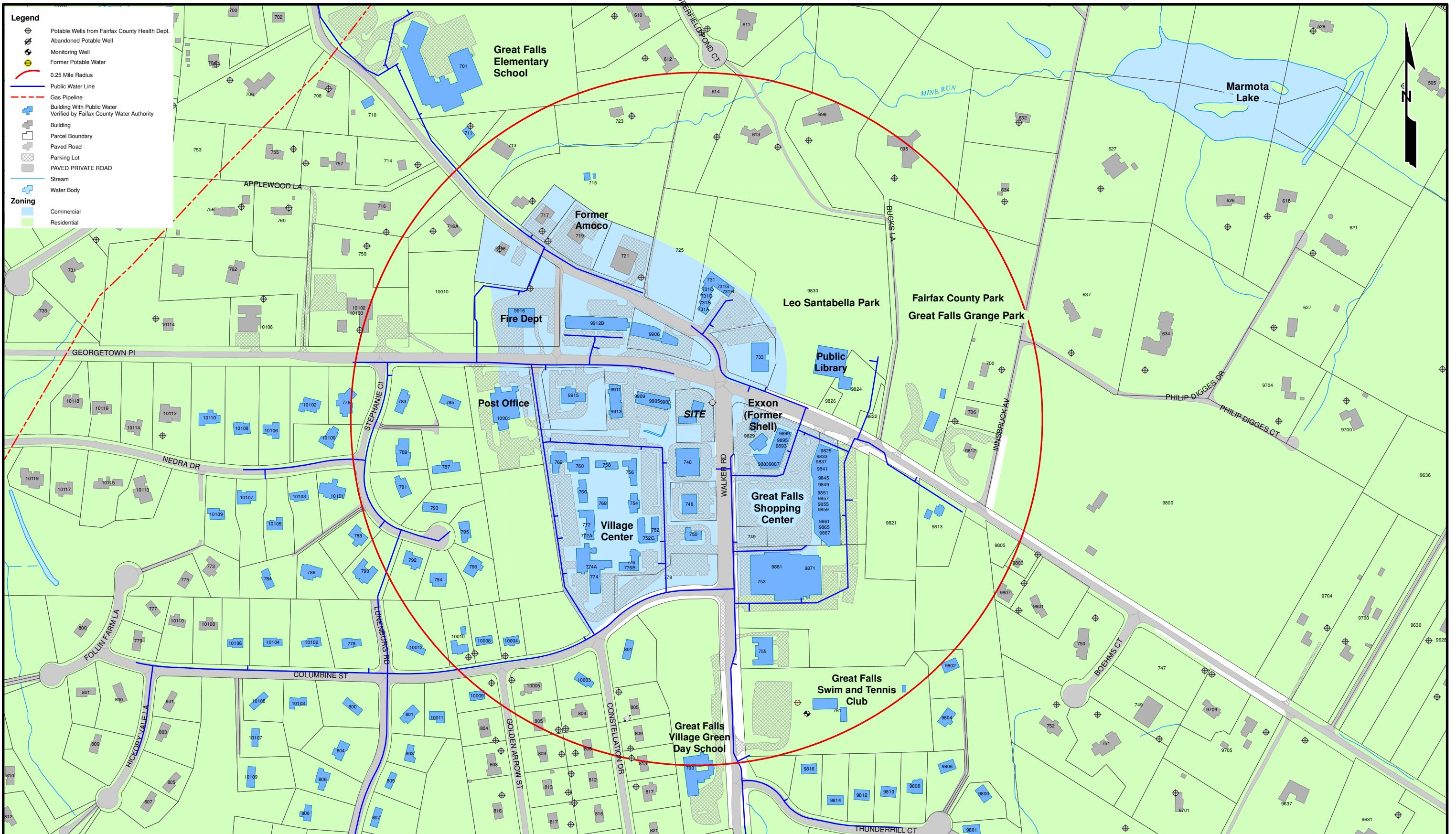
TABLES

- 1 Monitoring Well Construction Data
- 2 Monitoring Well Gauging Data Summary (September 5, 2018)
- 3 Groundwater Monitoring & Analytical Data
- 4 Groundwater Recovery System Monitoring and Performance

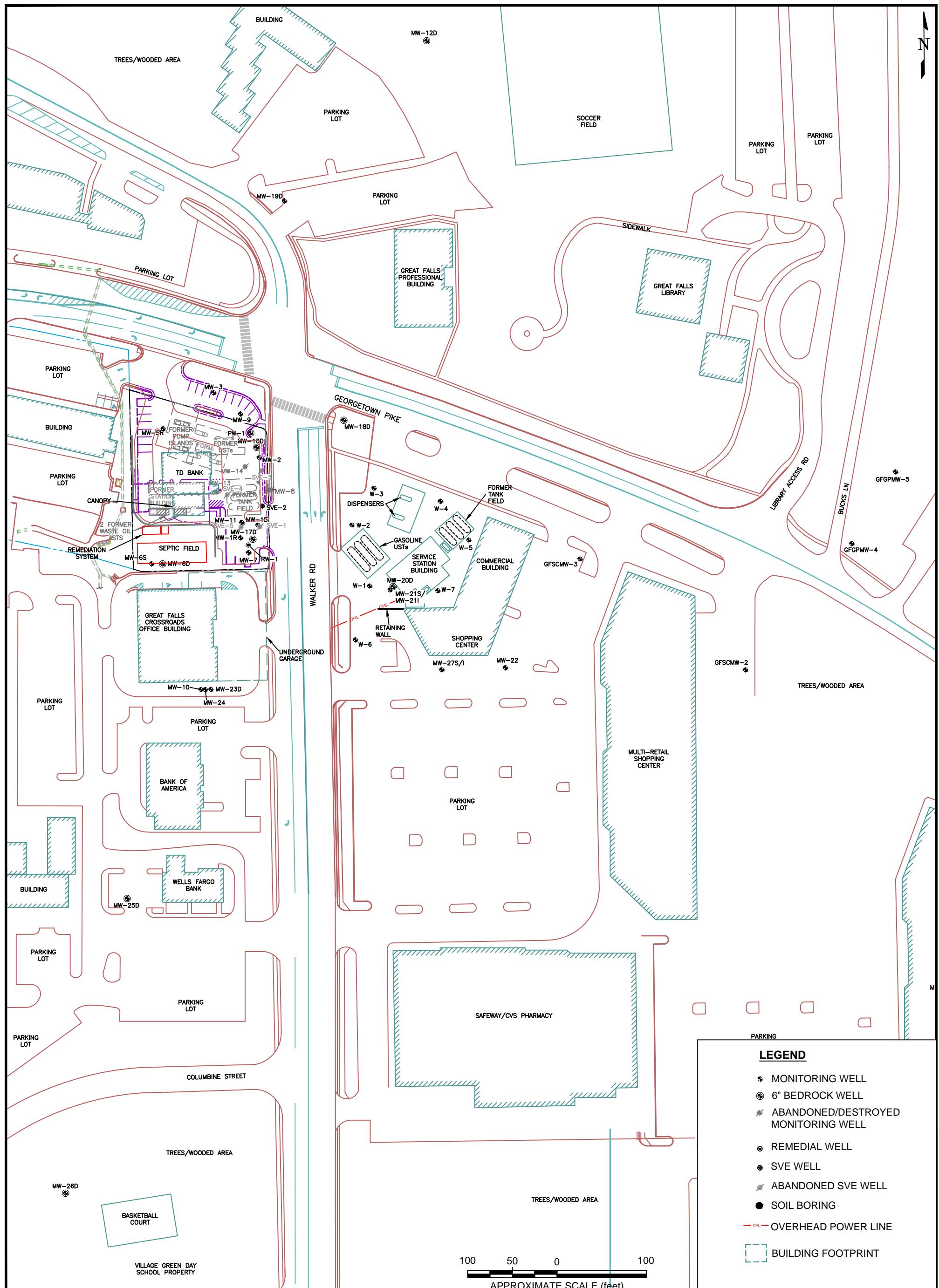
APPENDICES

- A Lancaster Laboratories Analysis Reports – Groundwater (September 5 and 6, 2018)
- B Lancaster Laboratories Analysis Reports – Groundwater Recovery System Samples

FIGURES



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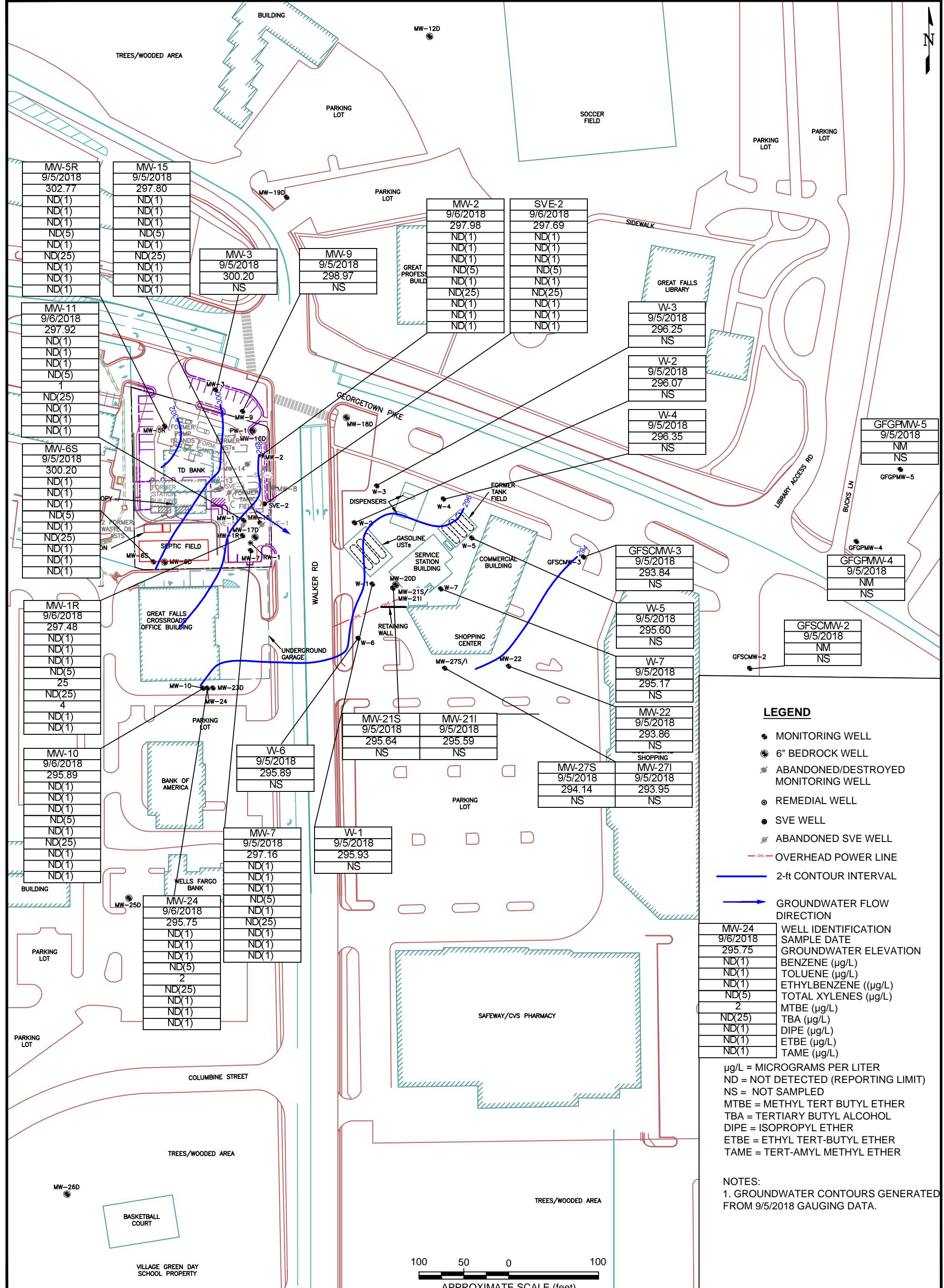
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SITE PLAN

INACTIVE FAIRFAX FACILITY #26140
9901 GEORGETOWN PIKE
GREAT FALLS, VIRGINIA

FIGURE

2



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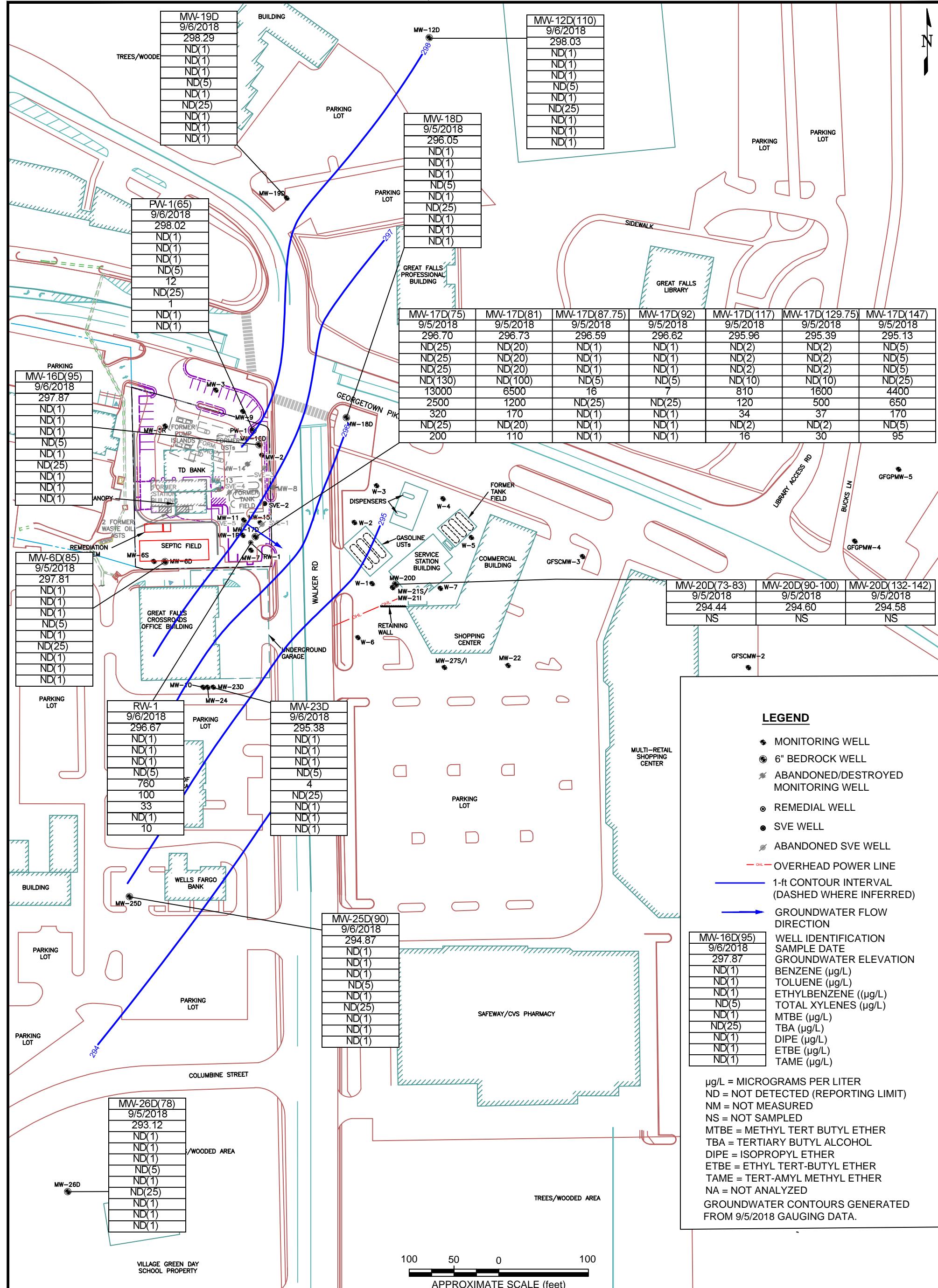
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**SHALLOW MONITORING WELL
GROUNDWATER CONTOUR /
HYDROCARBON DISTRIBUTION MAP
SEPTEMBER 5 AND 6, 2018**

**INACTIVE FAIRFAX FACILITY #26140
9901 GEORGETOWN PIKE
GREAT FALLS, VIRGINIA**

FIGURE

3



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PROJECT NO. 00109816

DRAWN: 10/27/18

DRAWN BY: CTH

CHECKED BY: EM

FILE NAME: 26140_HD_SEPT18.dwg

DEEP MONITORING WELL
GROUNDWATER CONTOUR /
HYDROCARBON DISTRIBUTION MAP
SEPTEMBER 5 AND 6, 2018

INACTIVE FAIRFAX FACILITY #26140
9901 GEORGETOWN PIKE
GREAT FALLS, VIRGINIA

FIGURE
4

TABLES

TABLE 1
Monitoring Well Construction Details

Inactive Fairfax Facility #26140
9901 Georgetown Pike
Great Falls, Virginia

Monitoring Well	Installation Date	Well Type	Well Diameter (inch)	Top of Casing Elevation (feet)	Riser / Casing Length (feet)	Screen Length / Open Interval (feet)	Total Borehole Depth (feet below grade)	Screen / Open Interval (feet below grade)	Comments
MW-1	7/20/2009	Monitoring	2	328.99	20	17	37	20-37	
MW-1R	2/14/2017	Monitoring	2	329.16	30	15	45	30-45	Replacement well for MW-1
MW-2	7/21/2009	Monitoring	2	332.05	25	15	42	25-40	
MW-3	7/22/2009	Monitoring	2	335.66	26.5	10	37	26.5-36.5	Ground surface elevation raised approximately 1.5 feet during TD Bank development
MW-5	7/22/2009	Monitoring	2	332.35	30	10	42	30-40	
MW-5R	2/14/2017	Monitoring	2	332.24	25	15	40	25-40	Replacement well for MW-5
MW-6S	9/11/2009	Monitoring	4	321.85	20	15	35	20-35	
MW-6D	9/11/2009	Deep Monitoring	6	323.09	70	50	120	70-120	Open borehole after 70 feet
MW-7	10/16/2009	Monitoring	2	328.75	15	25	40	15-40	
MW-8	10/8/2009	Monitoring	2	330.54	25	20	45	25-45	Abandoned 9/19/2013
MW-9	10/9/2009	Monitoring	2	333.88	25	20	45	25-45	
MW-10	10/12/2009	Monitoring	2	324.17	10	30	40	10-40	
MW-11	10/14/2009	Monitoring	2	329.73	10	30	40	10-40	
MW-12D	1/11/2011	Deep Monitoring	6	326.43	100	60	160	100-160	Open borehole after 100 feet
MW-13	8/18/2011	Monitoring	4	332.00	25	20	45	25-45	Abandoned 10/19/2016
MW-14	8/18/2011	Monitoring	4	331.81	25	20	45	25-45	Destroyed during TD Bank construction
MW-15	8/18/2011	Monitoring	4	329.11	25	20	45	25-45	
MW-16D	11/22/2011	Monitoring	6	332.27	85	25	110	85-110	Open borehole after 85 feet.

TABLE 1
Monitoring Well Construction Details

Inactive Fairfax Facility #26140
9901 Georgetown Pike
Great Falls, Virginia

Monitoring Well	Installation Date	Well Type	Well Diameter (inch)	Top of Casing Elevation (feet)	Riser / Casing Length (feet)	Screen Length / Open Interval (feet)	Total Borehole Depth (feet below grade)	Screen / Open Interval (feet below grade)	Comments
MW-17D	4/9/2013	Deep Monitoring	6	328.99	68	82	150	68-150	Converted to CMT on 4/9/2014.
MW-17D (CMT-1)	4/9/2014	Discrete Interval Monitoring	0.4	328.99	71	6	150	71-77	The Continuous Multichannel Tubing (CMT) screens are approximately six inches in length. The Screen Length / Open Interval and Screen / Open Interval columns refer to the sand pack installed in the borehole annulus surrounding the CMT port.
MW-17D (CMT-2)	4/9/2014	Discrete Interval Monitoring	0.4	328.99	79	4	150	79-83	
MW-17D (CMT-3)	4/9/2014	Discrete Interval Monitoring	0.4	328.99	86	4	150	86-90	
MW-17D (CMT-4)	4/9/2014	Discrete Interval Monitoring	0.4	328.99	91	2	150	91-93	
MW-17D (CMT-5)	4/9/2014	Discrete Interval Monitoring	0.4	328.99	114	6	150	114-120	
MW-17D (CMT-6)	4/9/2014	Discrete Interval Monitoring	0.4	328.99	126	6	150	126-132	
MW-17D (CMT-7)	4/9/2014	Discrete Interval Monitoring	0.38	328.99	146	4	150	146-150	
MW-18D	11/22/2011	Deep Monitoring	6	334.88	97	58	136	92-150	Open borehole after 92 feet. Borehole blocked by rock at 101 feet during testing on 4/30/13.
MW-19D	3/8/2014	Deep Monitoring	2	341.91	80	20	100	80-100	
MW-20D	4/7/2014	Deep Monitoring	6	329.80	70	72	142	70-142	Open borehole after 70 feet.
MW-20D	4/7/2014	Deep Monitoring	1	329.57	73	73	83	70-142	MW-20D was converted to three discrete monitoring intervals on 8/20/2014
MW-20D	4/7/2014	Deep Monitoring	1	329.58	90	90	100	70-142	
MW-20D	4/7/2014	Deep Monitoring	1	329.56	132	132	142	70-142	
MW-21I	4/1/2014	Monitoring	2	329.71	56	10	66	56-66	Part of a nested well pair including MW-21S
MW-21S	4/1/2014	Monitoring	2	329.69	26	20	46	26-46	Part of a nested well pair including MW-21I

TABLE 1
Monitoring Well Construction Details

Inactive Fairfax Facility #26140
9901 Georgetown Pike
Great Falls, Virginia

Monitoring Well	Installation Date	Well Type	Well Diameter (inch)	Top of Casing Elevation (feet)	Riser / Casing Length (feet)	Screen Length / Open Interval (feet)	Total Borehole Depth (feet below grade)	Screen / Open Interval (feet below grade)	Comments
MW-22	4/3/2014	Monitoring	2	320.97	20	20	40	20-40	
MW-23D	5/1/2014	Deep Monitoring	2	324.81	90	10	100	90-100	
MW-24	4/3/2014	Monitoring	2	324.49	50	10	60	50-60	
MW-25D	8/17/2014	Deep Monitoring	6	317.18	65	36	101	65-101	Open borehole after 65 feet.
MW-26D	8/21/2014	Deep Monitoring	6	295.13	57	47	104	57-104	Open borehole after 57 feet.
MW-27I	8/21/2014	Monitoring	2	323.35	55	10	65	55-65	Part of a nested well pair including MW-27S
MW-27S	8/21/2014	Monitoring	2	323.40	20	20	40	20-40	Part of a nested well pair including MW-27I
PW-1	Unknown	Deep Monitoring	6	333.25	55	20	75	55 - 75	Former potable well. Partially abandoned in November 2011. Original well depth was approximately 116 feet.
RW-1	3/13/2014	Recovery	6	328.52	21	70	91	21-91	Total drilled depth was 100 feet; borehole collapsed to 91 feet during the installation of screen and casing.
SVE-1	2/17/2014	Soil Vapor Extraction	4	NSVD	15	20	35	15-35	Abandoned 10/19/2016
SVE-2	2/18/2014	Soil Vapor Extraction	4	331.12	25	20	45	25-45	Designed to serve as a SVE well and monitoring well to replace the abandoned MW-8
SVE-3	2/19/2014	Soil Vapor Extraction	4	NSVD	15	20	35	15-35	Abandoned 10/19/2016
SVE-4	2/19/2014	Soil Vapor Extraction	4	NSVD	15	20	35	15-35	Abandoned 10/19/2016
SVE-5	2/18/2014	Soil Vapor Extraction	4	NSVD	15	20	35	15-35	Abandoned 10/19/2016

Notes:

NSVD - Not Surveyed to Vertical Datum
CMT - Continuous Multichannel Tubing

Table 2
Monitoring Well Gauging Data Summary

Inactive Fairfax Facility #26140
9901 Georgetown Pike
Great Falls, Virginia
September 5, 2018

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-1R	9/5/2018	329.16	31.68	ND	ND	N/A	297.48	
MW-2	9/5/2018	332.05	34.07	ND	ND	N/A	297.98	
MW-3	9/5/2018	335.66	35.46	ND	ND	N/A	300.20	
MW-5R	9/5/2018	332.24	29.47	ND	ND	N/A	302.77	
MW-6S	9/5/2018	321.85	21.65	ND	ND	N/A	300.20	
MW-6D(85)	9/5/2018	323.09	25.28	ND	ND	N/A	297.81	
MW-7	9/5/2018	328.75	31.59	ND	ND	N/A	297.16	
SVE-2	9/5/2018	331.12	33.43	ND	ND	N/A	297.69	
MW-9	9/5/2018	333.88	34.91	ND	ND	N/A	298.97	
MW-10	9/5/2018	324.17	28.28	ND	ND	N/A	295.89	
MW-11	9/5/2018	329.73	31.81	ND	ND	N/A	297.92	
MW-12D(110)	9/5/2018	326.43	28.40	ND	ND	N/A	298.03	
MW-15	9/5/2018	329.11	31.31	ND	ND	N/A	297.80	
MW-16D(95)	9/5/2018	332.27	34.40	ND	ND	N/A	297.87	
MW-17D(75)	9/5/2018	328.99	32.29	ND	ND	N/A	296.70	
MW-17D(81)	9/5/2018	328.99	32.26	ND	ND	N/A	296.73	
MW-17D(87.75)	9/5/2018	328.99	32.40	ND	ND	N/A	296.59	
MW-17D(92)	9/5/2018	328.99	32.37	ND	ND	N/A	296.62	
MW-17D(117)	9/5/2018	328.99	33.03	ND	ND	N/A	295.96	
MW-17D(129.75)	9/5/2018	328.99	33.60	ND	ND	N/A	295.39	
MW-17D(147)	9/5/2018	328.99	33.86	ND	ND	N/A	295.13	
MW-18D	9/5/2018	334.88	38.83	ND	ND	N/A	296.05	
MW-19D	9/5/2018	341.91	43.62	ND	ND	N/A	298.29	
MW-20D(73-83)	9/5/2018	329.57	35.13	ND	ND	N/A	294.44	
MW-20D(90-100)	9/5/2018	329.58	34.98	ND	ND	N/A	294.60	
MW-20D(132-142)	9/5/2018	329.56	34.98	ND	ND	N/A	294.58	
MW-21S	9/5/2018	329.69	34.05	ND	ND	N/A	295.64	
MW-21I	9/5/2018	329.71	34.12	ND	ND	N/A	295.59	
MW-22	9/5/2018	320.97	27.11	ND	ND	N/A	293.86	
MW-23D	9/5/2018	324.81	29.43	ND	ND	N/A	295.38	
MW-24	9/5/2018	324.49	28.74	ND	ND	N/A	295.75	
MW-25D(90)	9/5/2018	317.18	22.31	ND	ND	N/A	294.87	
MW-26D(78)	9/5/2018	295.13	2.01	ND	ND	N/A	293.12	
MW-27S	9/5/2018	323.40	29.26	ND	ND	N/A	294.14	
MW-27I	9/5/2018	323.35	29.40	ND	ND	N/A	293.95	
PW-1(65)	9/5/2018	333.25	35.23	ND	ND	N/A	298.02	
RW-1	9/5/2018	328.52	31.85	ND	ND	N/A	296.67	
W-1	9/5/2018	328.53	32.60	ND	ND	N/A	295.93	
W-2	9/5/2018	329.47	33.40	ND	ND	N/A	296.07	
W-3	9/5/2018	330.14	33.89	ND	ND	N/A	296.25	

Table 2 (Continued)
Monitoring Well Gauging Data Summary

Inactive Fairfax Facility #26140
 9901 Georgetown Pike
 Great Falls, Virginia
 September 5, 2018

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
W-4	9/5/2018	327.67	31.32	ND	ND	N/A	296.35	
W-5	9/5/2018	327.81	32.21	ND	ND	N/A	295.60	
W-6	9/5/2018	325.21	29.32	ND	ND	N/A	295.89	
W-7	9/5/2018	329.77	34.60	ND	ND	N/A	295.17	
GFSCMW-2	9/5/2018	316.79	NM	NM	NM	N/A	NM	Covered by dumpster
GFSCMW-3	9/5/2018	319.78	25.94	ND	ND	N/A	293.84	
GFGPMW-4	9/5/2018	310.10	NM	NM	NM	N/A	NM	
GFGPMW-5	9/5/2018	310.72	NM	NM	NM	N/A	NM	

Notes:

GW - Groundwater

ND - Not detected

NM - Not monitored

NSVD - Not surveyed to vertical datum

Table 3**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-1R	7/24/2009	328.99	30.45	ND	ND	298.54	13.3	<1.0	0.53	24	193000	NA	NA	NA	NA	
	8/18/2009	328.99	NM	NM	NM	NM	ND(200)	ND(200)	ND(200)	ND(200)	138000	NA	NA	NA	NA	
	10/15/2009	328.99	31.88	ND	ND	297.11	ND(200)	ND(200)	ND(200)	ND(200)	139000	47000	4070	ND(1000)	2130	
	6/22/2010	328.99	28.65	ND	ND	300.34	ND(5)	ND(7)	ND(8)	ND(8)	13000	NA	NA	NA	NA	
	9/30/2010	328.99	31.11	ND	ND	297.88	ND(50)	ND(70)	ND(80)	110	240000	NA	NA	NA	NA	
	12/16/2010	328.99	30.93	ND	ND	298.06	ND(100)	ND(140)	ND(160)	ND(160)	220000	NA	NA	NA	NA	
	2/17/2011	328.99	31.46	ND	ND	297.53	ND(250)	ND(350)	ND(400)	ND(400)	190000	NA	NA	NA	NA	
	5/24/2011	328.99	30.24	ND	ND	298.75	ND(50)	ND(70)	ND(80)	ND(80)	140000	NA	NA	NA	NA	
	9/2/2011	328.99	32.92	ND	ND	296.07	ND(50)	ND(70)	ND(80)	ND(80)	160000	NA	NA	NA	NA	
	12/29/2011	328.99	30.99	ND	ND	298.00	ND(50)	ND(70)	ND(80)	ND(80)	160000	NA	NA	NA	NA	
	6/1/2012	328.99	31.47	ND	ND	297.52	ND(50)	ND(70)	ND(80)	ND(80)	140000	NA	NA	NA	NA	
	2/25/2013	328.99	32.84	ND	ND	296.15	ND(250)	ND(250)	ND(250)	ND(250)	120000	15000	3700	ND(250)	1700	
	6/6/2013	328.99	32.14	ND	ND	296.85	ND(50)	ND(70)	ND(80)	ND(80)	150000	NA	NA	NA	NA	
	12/19/2013	328.99	33.06	ND	ND	295.93	ND(250)	ND(250)	ND(250)	ND(250)	84000	6900	2200	ND(250)	1100	
	3/25/2014	328.99	31.04	ND	ND	297.95	ND(500)	ND(500)	ND(500)	ND(500)	71000	ND(8000)	1200	ND(500)	850	
	6/20/2014	328.99	29.43	ND	ND	299.56	ND(20)	ND(20)	ND(20)	ND(20)	20000	ND(400)	490	ND(20)	210	
	9/8/2014	328.99	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2014	328.99	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	328.99	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/1/2015	328.99	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/2/2015	328.99	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	328.99	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/3/2016	328.99	32.45	ND	ND	296.54	ND(1)	ND(1)	ND(1)	ND(1)	48	ND(20)	12	ND(1)	ND(1)	
	8/16/2016	328.99	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/13/2016	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	329.16	34.69	ND	ND	294.47	ND(1)	ND(1)	ND(1)	ND(1)	40	ND(20)	18	ND(1)	ND(1)	
	6/22/2017	329.16	37.01	ND	ND	292.15	ND(1)	ND(1)	ND(1)	ND(1)	19	ND(20)	9	ND(1)	ND(1)	
	9/1/2017	329.16	38.68	ND	ND	290.48	ND(1)	ND(1)	ND(1)	ND(1)	8	ND(20)	4	ND(1)	ND(1)	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-1R	11/30/2017	329.16	38.95	ND	ND	290.21	ND(1)	ND(1)	ND(1)	ND(1)	4	ND(20)	2	ND(1)	ND(1)	
	3/8/2018	329.16	38.11	ND	ND	291.05	ND(1)	ND(1)	ND(1)	ND(1)	3	ND(20)	1	ND(1)	ND(1)	
	6/4/2018	329.16	36.17	ND	ND	292.99	ND(1)	ND(1)	ND(1)	ND(1)	3	ND(20)	2	ND(1)	ND(1)	
	9/6/2018	329.16	31.65	ND	ND	297.51	ND(1)	ND(1)	ND(1)	ND(5)	25	ND(25)	4	ND(1)	ND(1)	
Mann-Kendall Statistic							0	0	0	0	-17	0	-16	0	0	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-2	7/24/2009	102.90	33.19	ND	ND	69.71	70.2	8.0	1.0	131	107000	NA	NA	NA	NA	Screened from 25-40'
	8/18/2009	332.05	NM	NM	NM	NM	ND(100)	ND(100)	ND(100)	ND(100)	87100	NA	NA	NA	NA	
	10/15/2009	332.05	34.41	ND	ND	297.64	ND(200)	ND(200)	ND(200)	ND(200)	122000	ND(5000)	6130	ND(1000)	2420	
	7/1/2010	332.05	31.63	ND	ND	300.42	ND(100)	91.3	ND(100)	ND(100)	52400	NA	NA	NA	NA	
	9/30/2010	332.05	32.96	ND	ND	299.09	ND(25)	ND(35)	ND(40)	ND(40)	37000	NA	NA	NA	NA	
	12/16/2010	332.05	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	2/17/2011	332.05	34.15	ND	ND	297.90	ND(100)	ND(140)	ND(160)	ND(160)	140000	NA	NA	NA	NA	
	5/24/2011	332.05	32.92	ND	ND	299.13	ND(25)	ND(35)	ND(40)	ND(40)	54000	NA	NA	NA	NA	
	9/2/2011	332.05	35.53	ND	ND	296.52	ND(50)	ND(70)	ND(80)	ND(80)	160000	NA	NA	NA	NA	
	12/29/2011	332.05	33.64	ND	ND	298.41	ND(25)	ND(35)	ND(40)	ND(40)	49000	NA	NA	NA	NA	
	6/1/2012	332.05	34.16	ND	ND	297.89	ND(50)	ND(70)	ND(80)	ND(80)	100000	NA	NA	NA	NA	
	2/25/2013	332.05	35.47	ND	ND	296.58	ND(250)	ND(250)	ND(250)	ND(250)	71000	4600	1900	ND(250)	1100	
	6/6/2013	332.05	34.91	ND	ND	297.14	ND(3)	ND(4)	ND(4)	ND(4)	3500	NA	NA	NA	NA	
	12/19/2013	332.05	35.50	ND	ND	296.55	ND(130)	ND(130)	ND(130)	ND(130)	19000	6800	710	ND(130)	280	
	3/25/2014	332.05	33.30	ND	ND	298.75	ND(50)	ND(50)	ND(50)	ND(50)	7500	2500	310	ND(50)	110	
	6/20/2014	332.05	31.27	ND	ND	300.78	ND(1)	ND(1)	ND(1)	ND(1)	450	ND(20)	29	ND(1)	7	
	9/10/2014	332.05	33.74	ND	ND	298.31	ND(1)	ND(1)	ND(1)	ND(1)	860	ND(20)	38	ND(1)	15	
	12/9/2014	332.05	40.02	ND	ND	292.03	NS	NS	NS	NS	NS	NS	NS	NS	NS	Insufficient volume to sample
	3/12/2015	332.05	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	332.05	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/1/2015	332.05	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/2/2015	332.05	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	332.05	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/3/2016	332.05	34.70	ND	ND	297.35	ND(1)	ND(1)	ND(1)	ND(1)	5	ND(20)	ND(1)	ND(1)	ND(1)	
	8/16/2016	332.05	37.09	ND	ND	294.96	NS	NS	NS	NS	NS	NS	NS	NS	NS	Insufficient volume to sample
	12/13/2016	332.05	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	332.05	36.95	ND	ND	295.10	ND(1)	ND(1)	ND(1)	ND(1)	3	ND(20)	ND(1)	ND(1)	ND(1)	
	6/22/2017	332.05	37.66	ND	ND	294.39	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-2	8/28/2017	332.05	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/30/2017	332.05	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	332.05	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	332.05	37.88	ND	ND	294.17	NS	NS	NS	NS	NS	NS	NS	NS	NS	Insufficient volume to sample
	9/6/2018	332.05	33.89	ND	ND	298.16	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	
Mann-Kendall Statistic							0	0	0	0	-5	0	0	0	0	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-3	7/24/2009	104.99	33.67	ND	ND	71.32	<0.50	<1.0	<1.0	ND	5.7	NA	NA	NA	NA	Screened from 25-35'
	8/18/2009	333.98	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	10/15/2009	333.98	34.51	ND	ND	299.47	NS	NS	NS	NS	NS	NS	NS	NS	NS	Insufficient volume to sample
	7/1/2010	333.98	32.39	ND	ND	301.59	ND(2)	ND(2)	ND(2)	ND(2)	1.9	NA	NA	NA	NA	
	9/30/2010	333.98	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/16/2010	333.98	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	2/17/2011	333.98	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/24/2011	333.98	33.63	ND	ND	300.35	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	2 J	NA	NA	NA	NA	
	9/2/2011	333.98	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/29/2011	333.98	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2012	333.98	34.56	ND	ND	299.42	NS	NS	NS	NS	NS	NS	NS	NS	NS	Insufficient volume to sample
	2/25/2013	333.98	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/6/2013	333.98	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/18/2013	333.98	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/24/2014	333.98	34.25	ND	ND	299.73	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/19/2014	333.98	32.09	ND	ND	301.89	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/4/2014	333.98	34.42	ND	ND	299.56	NS	NS	NS	NS	NS	NS	NS	NS	NS	Insufficient volume to sample
	12/9/2014	333.98	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	333.98	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	333.98	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/1/2015	333.98	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/2/2015	333.98	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	333.98	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	333.98	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/16/2016	333.98	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/13/2016	333.98	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	335.66	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/22/2017	335.66	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-3	8/28/2017	335.66	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/30/2017	335.66	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	335.66	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	335.66	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	335.66	35.46	ND	ND	300.20	NS	NS	NS	NS	NS	NS	NS	NS	NS	Insufficient volume to sample
Mann-Kendall Statistic							N/A	/A	N/A	/A	N/A	N/A	N/A	N/A	N/A	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-5R	7/24/2009	103.43	30.72	ND	ND	72.71	<0.50	<1.0	<1.0	ND	1.3	NA	NA	NA	NA	
	8/18/2009	332.35	NM	NM	NM	NM	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.48	NA	NA	NA	NA	
	10/15/2009	332.35	32.51	ND	ND	299.84	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	11.4	ND(25)	0.46	ND(5.0)	ND(5.0)	
	6/22/2010	332.35	29.40	ND	ND	302.95	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	1 J	NA	NA	NA	NA	
	9/30/2010	332.35	32.30	ND	ND	300.05	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	1N	NA	NA	NA	A	
	12/16/2010	332.35	32.12	ND	ND	300.23	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	12	NA	NA	NA	NA	
	2/17/2011	332.35	32.31	ND	ND	300.04	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	2 J	NA	NA	NA	NA	
	5/24/2011	332.35	30.84	ND	ND	301.51	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	0.9 J	NA	NA	NA	NA	
	9/2/2011	332.35	33.39	ND	ND	298.96	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	0.9 J	NA	NA	NA	NA	
	12/29/2011	332.35	31.36	ND	ND	300.99	ND(0.5)	1 J	ND(0.8)	1 J	7N	NA	NA	NA	A	
	6/1/2012	332.35	31.93	ND	ND	300.42	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	0.8 J	NA	NA	NA	NA	
	2/25/2013	332.35	33.28	ND	ND	299.07	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	
	6/6/2013	332.35	32.55	ND	ND	299.80	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	1 J	NA	NA	NA	NA	
	12/18/2013	332.35	33.92	ND	ND	298.43	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	
	3/24/2014	332.35	31.32	ND	ND	301.03	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/19/2014	332.35	29.30	ND	ND	303.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2014	332.35	31.37	ND	ND	300.98	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	12/9/2014	332.35	35.19	ND	ND	297.16	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	332.35	34.59	ND	ND	297.76	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	332.35	33.31	ND	ND	299.04	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2015	332.35	35.55	ND	ND	296.80	ND(1)	ND(1)	ND(1)	2	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/2/2015	332.35	36.61	ND	ND	295.74	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	332.35	33.71	ND	ND	298.64	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	332.35	32.04	ND	ND	300.31	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/17/2016	332.35	34.41	ND	ND	297.94	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/13/2016	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	332.24	34.10	ND	ND	298.14	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	6/22/2017	332.24	34.01	ND	ND	298.23	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-5R	8/29/2017	332.24	35.44	ND	ND	296.80	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	11/30/2017	332.24	36.19	ND	ND	296.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	332.24	35.30	ND	ND	296.94	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	332.24	31.98	ND	ND	300.26	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	332.24	29.47	ND	ND	302.77	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	
Mann-Kendall Statistic							0	0	0	-4	0	0	0	0	0	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-6S	9/24/2009	321.85	NM	NM	NM	NM	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	2.8	ND(25)	2.1	ND(5.0)	ND(5.0)	Screened from 20-35'
	10/15/2009	321.85	23.35	ND	ND	298.50	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	2.8	ND(25)	1.3	ND(5.0)	ND(5.0)	
	6/22/2010	321.85	20.22	ND	ND	301.63	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	2N	NA	NA	NA	A	
	9/30/2010	321.85	23.00	ND	ND	298.85	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	0.9	NA	NA	NA	NA	
	12/16/2010	321.85	22.82	ND	ND	299.03	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	1N	NA	NA	NA	A	
	2/17/2011	321.85	23.02	ND	ND	298.83	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	1 J	NA	NA	NA	NA	
	5/24/2011	321.85	21.66	ND	ND	300.19	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	1 J	NA	NA	NA	NA	
	9/2/2011	321.85	24.04	ND	ND	297.81	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	1 J	NA	NA	NA	NA	
	12/29/2011	321.85	22.15	ND	ND	299.70	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	2 J	NA	NA	NA	NA	
	6/1/2012	321.85	22.72	ND	ND	299.13	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	0.8 J	NA	NA	NA	NA	
	2/25/2013	321.85	24.03	ND	ND	297.82	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	
	6/6/2013	321.85	23.49	ND	ND	298.36	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	ND(0.5)	NA	NA	NA	NA	
	12/17/2013	321.85	24.63	ND	ND	297.22	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	
	3/24/2014	321.85	22.19	ND	ND	299.66	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/19/2014	321.85	20.01	ND	ND	301.84	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2014	321.85	22.41	ND	ND	299.44	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/9/2014	321.85	26.42	ND	ND	295.43	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	321.85	25.91	ND	ND	295.94	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	321.85	36.59	ND	ND	285.26	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2015	321.85	27.01	ND	ND	294.84	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/2/2015	321.85	27.84	ND	ND	294.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	321.85	25.18	ND	ND	296.67	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	321.85	23.04	ND	ND	298.81	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/18/2016	321.85	25.64	ND	ND	296.21	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/13/2016	321.85	25.67	ND	ND	296.18	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	321.85	25.28	ND	ND	296.57	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/22/2017	321.85	25.48	ND	ND	296.37	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/29/2017	321.85	27.01	ND	ND	294.84	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-6S	11/30/2017	321.85	27.67	ND	ND	294.18	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	321.85	26.69	ND	ND	295.16	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	321.85	24.45	ND	ND	297.40	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	321.85	21.65	ND	ND	300.20	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	
Mann-Kendall Statistic							0	0	0	0	0	0	0	0	0	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-6D(85)	6/22/2010	323.09	26.69	ND	ND	296.40	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	1N	NA	NA	NA	NA	A
	9/30/2010	323.09	26.51	ND	ND	296.58	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	1N	NA	NA	NA	NA	A
	12/16/2010	323.09	25.92	ND	ND	297.17	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	6N	NA	NA	NA	NA	A
	2/17/2011	323.09	26.14	ND	ND	296.95	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	ND(1) J	NA	NA	NA	NA	NA
	5/24/2011	323.09	25.83	ND	ND	297.26	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	1 J	NA	NA	NA	NA	NA
	9/2/2011	323.09	27.45	ND	ND	295.64	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	0.9 J	NA	NA	NA	NA	NA
	12/22/2011	323.09	25.47	ND	ND	297.62	ND(0.5)	1 J	ND(0.8)	ND(0.8)	0.8 J	NA	NA	NA	NA	NA
	6/1/2012	323.09	25.95	ND	ND	297.14	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	0.8 J	NA	NA	NA	NA	NA
	2/25/2013	323.09	27.13	ND	ND	295.96	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)
	6/6/2013	323.09	26.66	ND	ND	296.43	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	ND(0.5)	NA	NA	NA	NA	NA
	6/18/2014	323.09	23.37	ND	ND	299.72	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	3/12/2015	323.09	28.85	ND	ND	294.24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/4/2015	323.09	39.72	ND	ND	283.37	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/2/2015	323.09	30.33	ND	ND	292.76	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	12/2/2015	323.09	30.80	ND	ND	292.29	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/16/2016	323.09	28.67	ND	ND	294.42	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/2/2016	323.09	26.21	ND	ND	296.88	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/18/2016	323.09	29.28	ND	ND	293.81	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	12/13/2016	323.09	28.68	ND	ND	294.41	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/13/2017	323.09	28.31	ND	ND	294.78	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/22/2017	323.09	28.71	ND	ND	294.38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/28/2017	323.09	30.05	ND	ND	293.04	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	11/30/2017	323.09	30.65	ND	ND	292.44	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/8/2018	323.09	29.70	ND	ND	293.39	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/4/2018	323.09	27.77	ND	ND	295.32	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/5/2018	323.09	25.28	ND	ND	297.81	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(1)

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data								Comments	
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
	Mann-Kendall Statistic						0	0	0	0	0	0	0	0	0	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-7	10/15/2009	327.96	31.21	ND	ND	296.75	2.7	ND(10)	ND(10)	ND(10)	10600	2650	232	ND(50)	217	Screened from 15-40'
	6/22/2010	327.96	28.00	ND	ND	299.96	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	87	NA	NA	NA	NA	
	9/30/2010	327.96	30.24	ND	ND	297.72	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	ND(0.5)	NA	NA	NA	NA	
	12/16/2010	327.96	30.15	ND	ND	297.81	2	ND(1)	ND(2)	ND(2)	2100	NA	NA	NA	NA	
	2/17/2011	327.96	30.75	ND	ND	297.21	ND(10)	ND(14)	ND(16)	ND(16)	9700	NA	NA	NA	NA	
	5/24/2011	327.96	29.56	ND	ND	298.40	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	130	NA	NA	NA	NA	
	9/2/2011	327.96	32.21	ND	ND	295.75	11 J	ND(14)	ND(16)	ND(16)	16000	NA	NA	NA	NA	
	12/29/2011	327.96	30.24	ND	ND	297.72	ND(1)	ND(1)	ND(2)	ND(2)	1600	NA	NA	NA	NA	
	6/1/2012	327.96	30.74	ND	ND	297.22	ND(5)	ND(7)	ND(8)	ND(8)	6700	NA	NA	NA	NA	
	2/25/2013	327.96	32.23	ND	ND	295.73	ND(250)	ND(250)	ND(250)	ND(250)	61000	14000	1700	ND(250)	940	
	6/6/2013	327.96	31.49	ND	ND	296.47	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	950	NA	NA	NA	NA	
	12/18/2013	327.96	32.79	ND	ND	295.17	ND(250)	ND(250)	ND(250)	ND(250)	140000	29000	3000	ND(250)	1600	
	3/28/2014	327.96	30.35	ND	ND	297.61	ND(1)	ND(1)	ND(1)	ND(1)	430	ND(20)	13	ND(1)	6	
	6/20/2014	327.96	28.19	ND	ND	299.77	ND(1)	ND(1)	ND(1)	ND(1)	72	35	9	ND(1)	ND(1)	
	9/8/2014	327.96	37.53	ND	ND	290.43	NS	NS	NS	NS	NS	NS	NS	NS	NS	Insufficient volume to sample
	12/9/2014	327.96	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	327.96	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	327.96	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/1/2015	327.96	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/2/2015	327.96	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	2/12/2016	327.96	33.67	ND	ND	294.29	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	3/16/2016	327.96	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	327.96	31.80	ND	ND	296.16	ND(1)	ND(1)	ND(1)	ND(1)	15	ND(20)	ND(1)	ND(1)	ND(1)	
	8/16/2016	327.96	34.45	ND	ND	293.51	NS	NS	NS	NS	NS	NS	NS	NS	NS	Insufficient volume to sample
	12/14/2016	NSVD	34.81	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	3/13/2017	328.75	34.53	ND	ND	294.22	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	6/22/2017	328.75	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/28/2017	328.75	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-7	11/30/2017	328.75	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	328.75	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	328.75	38.02	ND	ND	290.73	NS	NS	NS	NS	NS	NS	NS	NS	NS	Insufficient volume to sample
	9/5/2018	328.75	31.59	ND	ND	297.16	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	
Mann-Kendall Statistic							0	0	0	0	-5	0	0	0	0	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-8	10/15/2009	330.54	34.01	ND	ND	296.53	ND(500)	ND(500)	ND(500)	ND(500)	226000	30800	6250	ND(2500)	3080	Screened from 25-45'
	6/22/2010	330.54	30.91	ND	ND	299.63	ND(5)	ND(7)	ND(8)	ND(8)	15000	NA	NA	NA	NA	
	9/30/2010	330.54	32.97	ND	ND	297.57	11	ND(14)	ND(16)	ND(16)	44000	NA	NA	NA	NA	
	12/16/2010	330.54	32.85	ND	ND	297.69	ND(25)	ND(35)	ND(40)	ND(40)	49000	NA	NA	NA	NA	
	2/17/2011	330.54	33.62	ND	ND	296.92	ND(25)	ND(35)	ND(40)	ND(40)	41000	NA	NA	NA	NA	
	5/24/2011	330.54	32.44	ND	ND	298.10	ND(5)	ND(7)	ND(8)	ND(8)	8400	NA	NA	NA	NA	
	9/2/2011	330.54	35.18	ND	ND	295.36	ND(10)	ND(14)	ND(16)	ND(16)	15000	NA	NA	NA	NA	
	12/29/2011	330.54	33.23	ND	ND	297.31	ND(3)	ND(4)	ND(4)	ND(4)	1800	NA	NA	NA	NA	
	6/1/2012	330.54	33.73	ND	ND	296.81	3 J	ND(1)	ND(2)	4 J	1200	NA	NA	NA	NA	
	2/25/2013	330.54	35.27	ND	ND	295.27	ND(5)	ND(5)	ND(5)	ND(5)	180	280	220	ND(5)	ND(5)	
	6/6/2013	330.54	34.49	ND	ND	296.05	0.7 J	ND(0.7)	ND(0.8)	ND(0.8)	160	NA	NA	NA	NA	
	9/19/2013	330.54	36.01	ND	ND	294.53	ND(5)	ND(5)	ND(5)	ND(5)	170	NA	NA	NA	NA	Abandoned (9/19/2013)
Mann-Kendall Statistic							4	0	0	5	-53	N/A	N/A	N/A	N/A	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
SVE-2	3/25/2014	329.69	31.32	ND	ND	298.37	ND(1)	ND(1)	ND(1)	ND(1)	600	76	44	ND(1)	11	Screened from 25-45'
	6/19/2014	329.69	27.45	ND	ND	302.24	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/10/2014	329.69	30.79	ND	ND	298.90	ND(1)	ND(1)	ND(1)	ND(1)	8	ND(20)	3	ND(1)	ND(1)	
	12/9/2014	329.69	35.25	ND	ND	294.44	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	329.69	34.40	ND	ND	295.29	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	329.69	36.48	ND	ND	293.21	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2015	329.69	39.75	ND	ND	289.94	ND(1)	ND(1)	ND(1)	ND(1)	45	ND(20)	5	ND(1)	ND(1)	
	12/2/2015	329.64	40.46	ND	ND	289.18	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	329.64	37.96	ND	ND	291.68	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	329.64	32.82	ND	ND	296.82	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/17/2016	329.64	37.47	ND	ND	292.17	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	12/13/2016	NSVD	36.66	ND	ND	NSVD	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	331.12	36.51	ND	ND	294.61	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/22/2017	331.12	37.77	ND	ND	293.35	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/29/2017	331.12	39.58	ND	ND	291.54	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	11/30/2017	331.12	40.22	ND	ND	290.90	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	331.12	39.48	ND	ND	291.64	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	331.12	37.43	ND	ND	293.69	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/6/2018	331.12	33.38	ND	ND	297.74	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	
Mann-Kendall Statistic						0	0	0	0	-5	0	-3	0	0	0	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-9	10/15/2009	333.46	35.60	ND	ND	297.86	ND(1.0)	0.33	ND(1.0)	0.38	64.7	ND(25)	125	ND(5.0)	2.9	Screened from 25-45'
	6/22/2010	333.46	32.32	ND	ND	301.14	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	22	NA	NA	NA	NA	
	9/30/2010	333.46	34.85	ND	ND	298.61	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	52	NA	NA	NA	NA	
	12/16/2010	333.46	34.73	ND	ND	298.73	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	81	NA	NA	NA	NA	
	2/17/2011	333.46	35.28	ND	ND	298.18	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	48	NA	NA	NA	NA	
	5/24/2011	333.46	34.04	ND	ND	299.42	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	26	NA	NA	NA	NA	
	9/2/2011	333.46	36.86	ND	ND	296.60	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	80	NA	NA	NA	NA	
	12/29/2011	333.46	34.68	ND	ND	298.78	ND(0.5)	2 J	ND(0.8)	1 J	58	NA	NA	NA	NA	
	6/1/2012	333.46	35.17	ND	ND	298.29	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	190	NA	NA	NA	NA	
	2/25/2013	333.46	36.65	ND	ND	296.81	ND(5)	ND(5)	ND(5)	ND(5)	55	ND(80)	17	ND(5)	ND(5)	
	6/6/2013	333.46	35.98	ND	ND	297.48	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	20	NA	NA	NA	NA	
	12/18/2013	333.46	37.33	ND	ND	296.13	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	
	3/24/2014	333.46	34.67	ND	ND	298.79	ND(5)	ND(5)	ND(5)	ND(5)	12	ND(80)	6	ND(5)	ND(5)	
	6/19/2014	333.46	32.56	ND	ND	300.90	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/8/2014	333.46	35.91	ND	ND	297.55	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2014	333.46	40.12	ND	ND	293.34	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	333.46	40.65	ND	ND	292.81	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	333.46	39.21	ND	ND	294.25	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/1/2015	333.46	41.15	ND	ND	292.31	NS	NS	NS	NS	NS	NS	NS	NS	NS	Insufficient volume to sample
	12/2/2015	333.46	46.21	ND	ND	287.25	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	333.46	39.27	ND	ND	294.19	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	333.46	35.85	ND	ND	297.61	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/17/2016	333.46	38.85	ND	ND	294.61	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	3	ND(1)	ND(1)	
	12/13/2016	333.46	38.30	ND	ND	295.16	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	333.88	38.29	ND	ND	295.59	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/22/2017	333.88	38.86	ND	ND	295.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/1/2017	333.88	40.64	ND	ND	293.24	ND(1)	ND(1)	ND(1)	ND(1)	5	ND(20)	ND(1)	ND(1)	ND(1)	
	11/30/2017	333.88	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-9	3/8/2018	333.88	40.37	ND	ND	293.51	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	333.88	38.43	ND	ND	295.45	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	333.88	34.91	ND	ND	298.97	NS	NS	NS	NS	NS	NS	NS	NS	NS	Insufficient volume to sample
Mann-Kendall Statistic							N/A	/A	N/A	/A	N/A	N/A	N/A	N/A	N/A	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-10	10/15/2009	324.17	28.77	ND	ND	295.40	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	10.3	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	Screened from 10-40'
	6/22/2010	324.17	25.80	ND	ND	298.37	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	4N	NA	NA	NA	NA	A
	12/16/2010	324.17	27.72	ND	ND	296.45	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	10	NA	NA	NA	NA	
	2/17/2011	324.17	28.05	ND	ND	296.12	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	7N	NA	NA	NA	NA	A
	5/24/2011	324.17	27.04	ND	ND	297.13	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	3 J	NA	NA	NA	NA	
	9/2/2011	324.17	29.60	ND	ND	294.57	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	8N	NA	NA	NA	NA	A
	12/29/2011	324.17	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	6/1/2012	324.17	28.17	ND	ND	296.00	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	4 J	NA	NA	NA	NA	
	2/25/2013	324.17	29.45	ND	ND	294.72	ND(5)	ND(5)	ND(5)	ND(5)	7N	ND(80)	ND(5)	ND(5)	ND(5)	D(5)
	6/6/2013	324.17	28.87	ND	ND	295.30	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	ND(0.5)	NA	NA	NA	NA	
	12/18/2013	324.17	30.04	ND	ND	294.13	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	
	3/24/2014	324.17	27.24	ND	ND	296.93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/18/2014	324.17	25.67	ND	ND	298.50	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	9/3/2014	324.17	28.02	ND	ND	296.15	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	12/9/2014	324.17	32.88	ND	ND	291.29	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/12/2015	324.17	32.22	ND	ND	291.95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/4/2015	324.17	31.04	ND	ND	293.13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/2/2015	324.17	33.51	ND	ND	290.66	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	12/2/2015	324.17	34.13	ND	ND	290.04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/16/2016	324.17	32.24	ND	ND	291.93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/2/2016	324.17	28.77	ND	ND	295.40	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/17/2016	324.17	31.88	ND	ND	292.29	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	12/13/2016	324.17	30.97	ND	ND	293.20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/13/2017	324.17	30.61	ND	ND	293.56	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/22/2017	324.17	31.27	ND	ND	292.90	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/29/2017	324.17	32.06	ND	ND	292.11	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	11/30/2017	324.17	33.57	ND	ND	290.60	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/8/2018	324.17	32.45	ND	ND	291.72	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-10	6/4/2018	324.17	30.94	ND	ND	293.23	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/6/2018	324.17	28.28	ND	ND	295.89	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	
Mann-Kendall Statistic							0	0	0	0	1	0	0	0	0	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-11	10/16/2009	329.64	NM	NM	NM	NM	15.3	ND(10)	ND(10)	10.9	38400	23300	1290	ND(50)	464	Screened from 10-40'
	6/22/2010	329.64	29.00	ND	ND	300.64	ND(50)	ND(70)	ND(80)	ND(80)	170000	NA	NA	NA	NA	
	9/30/2010	329.64	31.42	ND	ND	298.22	ND(50)	ND(70)	ND(80)	ND(80)	130000	NA	NA	NA	NA	
	12/16/2010	329.64	31.22	ND	ND	298.42	ND(25)	ND(35)	ND(40)	ND(40)	41000	NA	NA	NA	NA	
	2/17/2011	329.64	31.81	ND	ND	297.83	ND(10)	ND(14)	ND(16)	ND(16)	23000	NA	NA	NA	NA	
	5/24/2011	329.64	30.56	ND	ND	299.08	ND(13)	ND(18)	ND(20)	ND(20)	16000	NA	NA	NA	NA	
	9/2/2011	329.64	33.22	ND	ND	296.42	4 J	ND(4)	ND(4)	ND(4)	7400	NA	NA	NA	NA	
	12/29/2011	329.64	31.29	ND	ND	298.35	ND(10)	ND(14)	ND(16)	ND(16)	9000	NA	NA	NA	NA	
	6/1/2012	329.64	31.77	ND	ND	297.87	7 J	21 J	ND(8)	34 J	4200	NA	NA	NA	NA	
	2/25/2013	329.64	33.03	ND	ND	296.61	ND(10)	ND(10)	ND(10)	ND(10)	1400	180	530	ND(10)	22	
	6/6/2013	329.64	32.46	ND	ND	297.18	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	770	NA	NA	NA	NA	
	12/18/2013	329.64	33.91	ND	ND	295.73	ND(5)	ND(5)	ND(5)	7	140	ND(80)	130	ND(5)	ND(5)	
	3/24/2014	329.64	31.19	ND	ND	298.45	ND(5)	ND(5)	ND(5)	ND(5)	41	ND(80)	25	ND(5)	ND(5)	
	6/20/2014	329.64	28.93	ND	ND	300.71	ND(1)	ND(1)	ND(1)	ND(1)	27	ND(20)	6	ND(1)	ND(1)	
	9/10/2014	329.64	30.90	ND	ND	298.74	ND(1)	ND(1)	ND(1)	ND(1)	26	ND(20)	13	ND(1)	ND(1)	
	12/9/2014	329.64	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	329.64	36.52	ND	ND	293.12	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	329.64	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/1/2015	329.64	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/2/2015	329.64	38.85	ND	ND	290.79	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	329.64	38.18	ND	ND	291.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	329.64	32.72	ND	ND	296.92	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/18/2016	329.64	38.31	ND	ND	291.33	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/13/2016	329.64	35.18	ND	ND	294.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	329.73	34.99	ND	ND	294.74	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/22/2017	329.73	36.48	ND	ND	293.25	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/1/2017	329.73	38.59	ND	ND	291.14	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	11/30/2017	329.73	38.75	ND	ND	290.98	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-11	3/8/2018	329.73	37.98	ND	ND	291.75	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	329.73	36.04	ND	ND	293.69	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/6/2018	329.73	31.81	ND	ND	297.92	ND(1)	ND(1)	ND(1)	ND(5)	1	ND(25)	ND(1)	ND(1)	ND(1)	
Mann-Kendall Statistic							N/A	/A	N/A	/A	N/A	N/A	N/A	N/A	N/A	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-12D(110)	5/24/2011	326.43	28.12	ND	ND	298.31	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	ND(0.5)	NA	NA	NA	NA	Open from 100-160'
	9/2/2011	326.43	32.37	ND	ND	294.06	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	ND(0.5)	NA	NA	NA	NA	
	12/22/2011	326.43	29.63	ND	ND	296.80	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	ND(0.5)	NA	NA	NA	NA	
	6/1/2012	326.43	29.75	ND	ND	296.68	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	ND(0.5)	NA	NA	NA	NA	
	2/25/2013	326.43	30.86	ND	ND	295.57	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	
	6/6/2013	326.43	30.59	ND	ND	295.84	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	ND(0.5)	NA	NA	NA	NA	
	12/17/2013	326.43	31.51	ND	ND	294.92	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/24/2014	326.43	29.33	ND	ND	297.10	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/18/2014	326.43	25.98	ND	ND	300.45	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	9/2/2015	326.43	32.43	ND	ND	294.00	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	3/16/2016	326.43	30.45	ND	ND	295.98	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	326.43	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/17/2016	326.43	31.64	ND	ND	294.79	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/13/2016	326.43	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	326.43	34.36	ND	ND	292.07	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/22/2017	326.43	32.80	ND	ND	293.63	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/28/2017	326.43	34.04	ND	ND	292.39	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	11/30/2017	326.43	34.93	ND	ND	291.50	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	326.43	34.42	ND	ND	292.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	326.43	30.94	ND	ND	295.49	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/6/2018	326.43	28.50	ND	ND	297.93	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	
Mann-Kendall Statistic							0	0	0	0	0	0	0	0	0	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-13	9/2/2011	332.00	34.37	ND	ND	297.63	5	ND(0.7)	ND(0.8)	5	6800	NA	NA	NA	NA	Screened from 25-45'
	12/29/2011	332.00	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	6/1/2012	332.00	32.88	ND	ND	299.12	ND(5)	ND(7)	ND(8)	ND(8)	5700	NA	NA	NA	NA	
	2/25/2013	332.00	33.80	ND	ND	298.20	ND(25)	ND(25)	ND(25)	ND(25)	5300	ND(400)	150	ND(25)	80	
	6/6/2013	332.00	33.33	ND	ND	298.67	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	1300	NA	NA	NA	NA	
	12/19/2013	332.00	34.43	ND	ND	297.57	ND(5)	ND(5)	ND(5)	ND(5)	1100	ND(80)	43	ND(5)	18	
	3/24/2014	332.00	32.29	ND	ND	299.71	ND(5)	ND(5)	ND(5)	ND(5)	21	ND(80)	ND(5)	ND(5)	ND(5)	
	6/19/2014	332.00	30.07	ND	ND	301.93	ND(1)	ND(1)	ND(1)	ND(1)	3	ND(20)	ND(1)	ND(1)	ND(1)	
	9/10/2014	332.00	32.95	ND	ND	299.05	ND(1)	ND(1)	ND(1)	ND(1)	7	ND(20)	ND(1)	ND(1)	ND(1)	
	12/9/2014	332.00	30.16	ND	ND	301.84	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	332.00	34.27	ND	ND	297.73	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	332.00	35.94	ND	ND	296.06	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2015	332.00	38.73	ND	ND	293.27	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	
	12/2/2015	332.00	39.03	ND	ND	292.97	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	3320.00	36.84	ND	ND	3283.16	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	332.00	33.71	ND	ND	298.29	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/16/2016	332.00	36.35	ND	ND	295.65	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	10/19/2016	332.00	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well Abandoned 10/19/16
Mann-Kendall Statistic							0	0	0	0	-34	0	-11	0	-11	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-14	9/2/2011	331.81	35.02	ND	ND	296.79	54	ND(4)	ND(4)	55	170000	NA	NA	NA	NA	Screened from 25-45'
	12/29/2011	331.81	33.36	ND	ND	298.45	ND(50)	ND(70)	ND(80)	ND(80)	99000	NA	NA	NA	NA	
	6/1/2012	331.81	33.90	ND	ND	297.91	ND(50)	ND(70)	ND(80)	ND(80)	91000	NA	NA	NA	NA	
	2/25/2013	331.81	35.07	ND	ND	296.74	ND(50)	ND(50)	ND(50)	ND(50)	29000	2500	1100	ND(50)	450	
	6/6/2013	331.81	34.35	ND	ND	297.46	ND(1)	ND(1)	ND(2)	ND(2)	3600	NA	NA	NA	NA	
	12/19/2013	331.81	35.15	ND	ND	296.66	ND(5)	ND(5)	ND(5)	ND(5)	33	ND(80)	11	ND(5)	ND(5)	
	3/24/2014	331.82	32.91	ND	ND	298.91	ND(5)	ND(5)	ND(5)	ND(5)	14	ND(80)	ND(5)	ND(5)	ND(5)	
	6/19/2014	331.82	27.27	ND	ND	304.55	ND(1)	ND(1)	ND(1)	ND(1)	62	ND(20)	14	ND(1)	2	
	9/10/2014	331.82	24.65	ND	ND	307.17	ND(1)	ND(1)	ND(1)	ND(1)	190	ND(20)	5	ND(1)	3	
	12/9/2014	331.82	33.27	ND	ND	298.55	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	331.82	24.74	ND	ND	307.08	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	331.82	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/1/2015	331.82	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/2/2015	331.82	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	331.82	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	331.82	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/16/2016	331.82	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/13/2016	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	Destroyed during construction
Mann-Kendall Statistic							0	0	0	0	-11	-4	-4	0	1	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-15	9/2/2011	328.95	33.06	ND	ND	295.89	ND(0.5)	ND(0.7)	ND(0.8)	1 J	21000	NA	NA	NA	NA	Screened from 25-45'
	12/29/2011	328.95	31.10	ND	ND	297.85	ND(1)	ND(1)	ND(2)	ND(2)	1100	NA	NA	NA	NA	
	6/1/2012	328.95	31.64	ND	ND	297.31	ND(10)	ND(14)	ND(16)	ND(16)	14000	NA	NA	NA	NA	
	2/25/2013	328.95	33.10	ND	ND	295.85	ND(10)	ND(10)	ND(10)	ND(10)	1800	300	140	ND(10)	28	
	6/6/2013	328.95	32.32	ND	ND	296.63	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	120	NA	NA	NA	NA	
	12/18/2013	328.95	33.86	ND	ND	295.09	ND(10)	ND(10)	ND(10)	14	1700	260	210	ND(10)	27	
	3/25/2014	328.95	30.90	ND	ND	298.05	ND(5)	ND(5)	ND(5)	ND(5)	350	ND(80)	50	ND(5)	5	
	6/20/2014	328.95	28.74	ND	ND	300.21	ND(1)	ND(1)	ND(1)	ND(1)	42	ND(20)	17	ND(1)	ND(1)	
	9/10/2014	328.95	31.49	ND	ND	297.46	ND(1)	ND(1)	ND(1)	1	530	110	150	ND(1)	12	
	12/10/2014	328.95	38.19	ND	ND	290.76	ND(2)	ND(2)	ND(2)	5	2100	750	370	ND(2)	42	
	3/11/2015	328.95	36.23	ND	ND	292.72	ND(1)	ND(1)	ND(1)	ND(1)	63	ND(20)	21	ND(1)	ND(1)	
	6/3/2015	328.95	36.27	ND	ND	292.68	ND(1)	ND(1)	ND(1)	ND(1)	62	ND(20)	8	ND(1)	ND(1)	
	9/1/2015	328.95	40.62	ND	ND	288.33	NS	NS	NS	NS	NS	NS	NS	NS	NS	Insufficient volume to sample
	12/2/2015	328.95	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/17/2016	328.95	38.86	ND	ND	290.09	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	1	ND(1)	ND(1)	
	5/2/2016	328.95	32.38	ND	ND	296.57	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	8/16/2016	328.95	36.17	ND	ND	292.78	ND(1)	ND(1)	ND(1)	ND(1)	30	ND(20)	1	ND(1)	ND(1)	
	12/15/2016	328.95	34.84	ND	ND	294.11	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	3/16/2017	329.11	34.61	ND	ND	294.50	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	6/21/2017	329.11	34.91	ND	ND	294.20	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	8/29/2017	329.11	38.29	ND	ND	290.82	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	
	11/30/2017	329.11	38.89	ND	ND	290.22	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	3/8/2018	329.11	38.15	ND	ND	290.96	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	
	6/4/2018	329.11	36.11	ND	ND	293.00	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	9/5/2018	329.11	31.31	ND	ND	297.80	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data								Comments	
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
	Mann-Kendall Statistic						0	0	0	-13	-47	-13	-52	0	-13	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-16D(95)	6/1/2012	332.90	35.33	ND	ND	297.57	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	140	NA	NA	NA	NA	Abandoned to 110' (April 2011)
	2/25/2013	332.90	36.83	ND	ND	296.07	ND(100)	ND(100)	ND(100)	ND(100)	9800	ND(1600)	360	ND(100)	200	Open from 85-110'
	6/6/2013	332.90	36.15	ND	ND	296.75	18 J	ND(7)	ND(8)	ND(8)	11000	NA	NA	NA	NA	
	12/19/2013	332.90	37.13	ND	ND	295.77	ND(130)	ND(130)	ND(130)	ND(130)	19000	2800	770	ND(130)	390	
	3/25/2014	332.90	34.64	ND	ND	298.26	25	ND(25)	ND(25)	ND(25)	14000	2000	520	ND(25)	300	
	6/19/2014	332.90	32.75	ND	ND	300.15	28	ND(20)	ND(20)	ND(20)	13000	1100	660	ND(20)	280	
	9/3/2014	332.90	36.14	ND	ND	296.76	6	ND(5)	ND(5)	ND(5)	3600	450	140	ND(5)	69	
	12/9/2014	332.90	40.36	ND	ND	292.54	ND(5)	ND(5)	ND(5)	ND(5)	2100	ND(100)	29	ND(5)	19	
	3/9/2015	332.90	NM	NM	NM	NM	ND(2)	ND(2)	ND(2)	ND(2)	1300	290	67	ND(2)	17	
	6/1/2015	332.90	NM	NM	NM	NM	ND(1)	ND(1)	ND(1)	ND(1)	610	34	47	ND(1)	9	
	8/17/2015	332.90	NM	NM	NM	NM	ND(2)	ND(2)	ND(2)	ND(2)	450	NA	NA	NA	NA	
	8/31/2015	332.90	44.79	ND	ND	288.11	ND(1)	ND(1)	ND(1)	ND(1)	300	23	26	ND(1)	4	
	12/1/2015	332.90	NM	NM	NM	NM	ND(1)	ND(1)	ND(1)	ND(1)	490	35	21	ND(1)	7	
	2/12/2016	332.90	37.98	ND	ND	294.92	ND(1)	ND(1)	ND(1)	ND(1)	81	ND(20)	4	ND(1)	ND(1)	
	3/17/2016	332.90	NM	NM	NM	NM	ND(1)	ND(1)	ND(1)	ND(1)	39	ND(20)	1	ND(1)	1	
	5/6/2016	332.90	NM	NM	NM	NM	ND(1)	ND(1)	ND(1)	ND(1)	200	ND(20)	8	ND(1)	3	
	8/16/2016	332.90	38.25	ND	ND	294.65	ND(1)	ND(1)	ND(1)	ND(1)	19	ND(20)	ND(1)	ND(1)	ND(1)	
	12/13/2016	332.90	38.48	ND	ND	294.42	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	332.27	37.25	ND	ND	295.02	ND(1)	ND(1)	ND(1)	ND(1)	4	ND(20)	ND(1)	ND(1)	ND(1)	
	6/21/2017	332.27	37.91	ND	ND	294.36	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	9/1/2017	332.27	40.00	ND	ND	292.27	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/1/2017	332.27	40.44	ND	ND	291.83	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	
	3/8/2018	332.27	39.62	ND	ND	292.65	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	6/4/2018	332.27	37.87	ND	ND	294.40	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	9/6/2018	332.27	34.24	ND	ND	298.03	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data								Comments	
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
	Mann-Kendall Statistic						0	0	0	0	-89	-32	-59	0	-47	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-17D(75)	4/25/2014	328.84	30.77	ND	ND	298.07	ND(100)	ND(100)	ND(100)	ND(100)	120000	39000	2000	ND(100)	1900	CMT
	6/11/2014	328.84	29.81	ND	ND	299.03	ND(1)	ND(1)	ND(1)	ND(1)	20	ND(20)	2	ND(1)	ND(1)	
	9/2/2014	328.84	31.70	ND	ND	297.14	ND(1)	ND(1)	ND(1)	ND(1)	190	ND(20)	31	ND(1)	2	
	12/8/2014	328.84	49.65	ND	ND	279.19	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2014	328.84	NM	NM	NM	NM	21	ND(20)	ND(20)	ND(20)	37000	8300	860	ND(20)	600	
	3/9/2015	328.84	42.23	ND	ND	286.61	ND(20)	ND(20)	ND(20)	ND(20)	23000	4900	300	ND(20)	210	
	6/1/2015	328.84	35.71	ND	ND	293.13	ND(1)	ND(1)	ND(1)	ND(1)	200	ND(20)	21	ND(1)	4	
	8/31/2015	328.84	36.89	ND	ND	291.95	ND(10)	ND(10)	ND(10)	ND(10)	13000	3400	400	ND(10)	280	
	12/29/2015	328.84	44.73	ND	ND	284.11	ND(10)	ND(10)	ND(10)	ND(10)	7100	1200	190	ND(10)	120	
	3/17/2016	328.84	48.50	ND	ND	280.34	4	ND(1)	ND(1)	ND(1)	6400	970	180	ND(1)	110	
	4/29/2016	328.84	33.00	ND	ND	295.84	13	ND(10)	ND(10)	ND(10)	37000	7700	700	ND(10)	510	
	8/16/2016	328.84	37.84	ND	ND	291.00	ND(10)	ND(10)	ND(10)	ND(10)	3800	650	110	ND(10)	55	
	12/13/2016	328.84	35.24	ND	ND	293.60	ND(50)	ND(50)	ND(50)	ND(50)	32000	6100	560	ND(50)	420	
	3/13/2017	328.99	34.97	ND	ND	294.02	ND(50)	ND(50)	ND(50)	ND(50)	27000	7400	580	ND(50)	340	
	6/21/2017	328.99	36.85	ND	ND	292.14	ND(10)	ND(10)	ND(10)	ND(10)	9900	1400	250	ND(10)	150	
	8/28/2017	328.99	42.70	ND	ND	286.29	2	ND(2)	ND(2)	ND(2)	4000	480	110	ND(2)	62	
	11/30/2017	328.99	42.20	ND	ND	286.79	ND(2)	ND(2)	ND(2)	ND(2)	3200	430	93	ND(2)	45	
	3/8/2018	328.99	41.47	ND	ND	287.52	ND(2)	ND(2)	ND(2)	ND(2)	2100	310	64	ND(2)	34	
	6/4/2018	328.99	39.02	ND	ND	289.97	ND(5)	ND(5)	ND(5)	ND(5)	2100	370	56	ND(5)	25	
	9/5/2018	328.99	32.29	ND	ND	296.70	ND(25)	ND(25)	ND(25)	ND(130)	13000	2500	320	ND(25)	200	
Mann-Kendall Statistic						-20	0	0	0	-39	-40	-37	0	-40		

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-17D(81)	4/25/2014	328.84	28.89	ND	ND	299.95	ND(100)	ND(100)	ND(100)	ND(100)	92000	23000	1700	ND(100)	1400	CMT
	6/11/2014	328.84	30.72	ND	ND	298.12	ND(10)	ND(10)	ND(10)	ND(10)	5000	1800	70	ND(10)	60	
	9/2/2014	328.84	31.13	ND	ND	297.71	ND(1)	ND(1)	ND(1)	ND(1)	10	ND(20)	2	ND(1)	ND(1)	
	12/8/2014	328.84	50.40	ND	ND	278.44	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2014	328.84	NM	NM	NM	NM	ND(10)	ND(10)	ND(10)	ND(10)	5900	2800	89	ND(10)	73	
	3/9/2015	328.84	42.25	ND	ND	286.59	ND(1)	ND(1)	ND(1)	ND(1)	14	ND(20)	2	ND(1)	ND(1)	
	6/1/2015	328.84	35.58	ND	ND	293.26	ND(5)	ND(5)	ND(5)	ND(5)	2600	400	88	ND(5)	44	
	8/31/2015	328.84	36.62	ND	ND	292.22	3	ND(2)	ND(2)	ND(2)	790	150	41	ND(2)	18	
	12/29/2015	328.84	44.94	ND	ND	283.90	ND(5)	ND(5)	ND(5)	ND(5)	2500	430	62	ND(5)	43	
	3/17/2016	328.84	49.35	ND	ND	279.49	1	ND(1)	ND(1)	ND(1)	2700	300	84	ND(1)	48	
	4/29/2016	328.84	32.77	ND	ND	296.07	ND(10)	ND(10)	ND(10)	ND(10)	12000	1900	310	ND(10)	170	
	8/16/2016	328.84	38.02	ND	ND	290.82	ND(5)	ND(5)	ND(5)	ND(5)	1800	290	49	ND(5)	25	
	12/13/2016	328.84	35.25	ND	ND	293.59	ND(20)	ND(20)	ND(20)	ND(20)	17000	3000	300	ND(20)	240	
	3/13/2017	328.99	34.97	ND	ND	294.02	ND(20)	ND(20)	ND(20)	ND(20)	30000	7900	600	ND(20)	370	
	6/21/2017	328.99	36.65	ND	ND	292.34	ND(5)	ND(5)	ND(5)	ND(5)	5400	730	130	ND(5)	79	
	8/28/2017	328.99	43.07	ND	ND	285.92	ND(2)	ND(2)	ND(2)	ND(2)	2300	240	70	ND(2)	35	
	11/30/2017	328.99	42.68	ND	ND	286.31	ND(2)	ND(2)	ND(2)	ND(2)	2200	290	66	ND(2)	31	
	3/8/2018	328.99	42.30	ND	ND	286.69	ND(1)	ND(1)	ND(1)	ND(1)	830	190	13	ND(1)	10	
	6/4/2018	328.99	39.47	ND	ND	289.52	ND(2)	ND(2)	ND(2)	ND(2)	1400	160	38	ND(2)	15	
	9/5/2018	328.99	32.26	ND	ND	296.73	ND(20)	ND(20)	ND(20)	ND(100)	6500	1200	170	ND(20)	110	
Mann-Kendall Statistic							-15	0	0	0	4	-5	2	0	2	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-17D(87.75)	4/25/2014	328.84	30.93	ND	ND	297.91	ND(50)	ND(50)	ND(50)	ND(50)	40000	11000	700	ND(50)	620	CMT
	6/11/2014	328.84	29.96	ND	ND	298.88	ND(25)	ND(25)	ND(25)	ND(25)	12000	2600	240	ND(25)	170	
	9/2/2014	328.84	31.57	ND	ND	297.27	ND(1)	ND(1)	ND(1)	ND(1)	250	61	6	ND(1)	3	
	12/8/2014	328.84	34.62	ND	ND	294.22	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2014	328.84	NM	NM	NM	NM	ND(20)	ND(20)	ND(20)	ND(20)	25000	1200	360	ND(20)	290	
	3/9/2015	328.84	36.27	ND	ND	292.57	ND(1)	ND(1)	ND(1)	ND(1)	80	21	3	ND(1)	ND(1)	
	6/1/2015	328.84	35.16	ND	ND	293.68	2	ND(1)	ND(1)	ND(1)	630	57	31	ND(1)	11	
	8/31/2015	328.84	36.20	ND	ND	292.64	ND(20)	ND(20)	ND(20)	ND(20)	7200	ND(400)	120	ND(20)	77	
	12/29/2015	328.84	34.65	ND	ND	294.19	ND(2)	ND(2)	ND(2)	ND(2)	1700	190	52	ND(2)	32	
	3/17/2016	328.84	38.21	ND	ND	290.63	ND(1)	ND(1)	ND(1)	ND(1)	27	ND(20)	3	ND(1)	ND(1)	
	4/29/2016	328.84	32.98	ND	ND	295.86	ND(1)	ND(1)	ND(1)	ND(1)	150	ND(20)	7	ND(1)	1	
	8/16/2016	328.84	35.22	ND	ND	293.62	ND(1)	ND(1)	ND(1)	ND(1)	17	ND(20)	1	ND(1)	ND(1)	
	12/13/2016	328.84	35.29	ND	ND	293.55	ND(1)	ND(1)	ND(1)	ND(1)	180	ND(20)	6	ND(1)	2	
	3/13/2017	328.99	35.01	ND	ND	293.98	ND(1)	ND(1)	ND(1)	ND(1)	190	ND(20)	6	ND(1)	2	
	6/21/2017	328.99	35.23	ND	ND	293.76	ND(1)	ND(1)	ND(1)	ND(1)	32	ND(20)	4	ND(1)	ND(1)	
	8/28/2017	328.99	38.34	ND	ND	290.65	ND(1)	ND(1)	ND(1)	ND(1)	4	ND(20)	ND(1)	ND(1)	ND(1)	
	11/30/2017	328.99	38.75	ND	ND	290.24	ND(1)	ND(1)	ND(1)	ND(1)	8	ND(20)	ND(1)	ND(1)	ND(1)	
	3/8/2018	328.99	37.71	ND	ND	291.28	ND(1)	ND(1)	ND(1)	ND(1)	4	ND(20)	ND(1)	ND(1)	ND(1)	
	6/4/2018	328.99	36.31	ND	ND	292.68	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	9/5/2018	328.99	32.40	ND	ND	296.59	ND(1)	ND(1)	ND(1)	ND(5)	16	ND(25)	ND(1)	ND(1)	ND(1)	
Mann-Kendall Statistic							-11	0	0	0	-73	-46	-76	0	-53	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments	
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)		
MW-17D(92)	4/25/2014	328.84	30.94	ND	ND	297.90	ND(25)	ND(25)	ND(25)	ND(25)	15000	3200	370	ND(25)	270	CMT	
	6/10/2014	328.84	29.95	ND	ND	298.89	ND(10)	ND(10)	ND(10)	ND(10)	11000	2200	320	ND(10)	200		
	9/2/2014	328.84	32.84	ND	ND	296.00	ND(10)	ND(10)	ND(10)	ND(10)	11000	3300	200	ND(10)	130		
	12/8/2014	328.84	37.26	ND	ND	291.58	NS	NS	NS	NS	NS	NS	NS	NS	NS		
	12/9/2014	328.84	NM	NM	NM	NM	ND(20)	ND(20)	ND(20)	ND(20)	32000	12000	600	ND(20)	390		
	3/9/2015	328.84	37.04	ND	ND	291.80	ND(3)	ND(3)	ND(3)	ND(3)	620	220	16	ND(3)	8		
	6/1/2015	328.84	35.00	ND	ND	293.84	ND(50)	ND(50)	ND(50)	ND(50)	17000	3700	410	ND(50)	200		
	8/31/2015	328.84	36.01	ND	ND	292.83	ND(10)	ND(10)	ND(10)	ND(10)	8100	200	140	ND(10)	95		
	12/29/2015	328.84	38.96	ND	ND	289.88	ND(1)	ND(1)	ND(1)	ND(1)	85	ND(20)	5	ND(1)	2		
	3/17/2016	328.84	37.92	ND	ND	290.92	ND(1)	ND(1)	ND(1)	ND(1)	5	ND(20)	ND(1)	ND(1)	ND(1)		
	4/29/2016	328.84	33.10	ND	ND	295.74	ND(1)	ND(1)	ND(1)	ND(1)	13	ND(20)	ND(1)	ND(1)	ND(1)		
	8/16/2016	328.84	35.78	ND	ND	293.06	ND(1)	ND(1)	ND(1)	ND(1)	5	ND(20)	ND(1)	ND(1)	ND(1)		
	12/13/2016	328.84	35.07	ND	ND	293.77	ND(1)	ND(1)	ND(1)	ND(1)	28	ND(20)	ND(1)	ND(1)	ND(1)		
	3/13/2017	328.99	34.96	ND	ND	294.03	ND(1)	ND(1)	ND(1)	ND(1)	18	ND(20)	ND(1)	ND(1)	ND(1)		
	6/21/2017	328.99	35.52	ND	ND	293.47	ND(1)	ND(1)	ND(1)	ND(1)	9	ND(20)	ND(1)	ND(1)	ND(1)		
	8/28/2017	328.99	38.41	ND	ND	290.58	ND(1)	ND(1)	ND(1)	ND(1)	3	ND(20)	ND(1)	ND(1)	ND(1)		
	11/30/2017	328.99	38.55	ND	ND	290.44	ND(1)	ND(1)	ND(1)	ND(1)	6	ND(20)	ND(1)	ND(1)	ND(1)		
	3/8/2018	328.99	37.77	ND	ND	291.22	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)		
	6/4/2018	328.99	36.32	ND	ND	292.67	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)		
	9/5/2018	328.99	32.37	ND	ND	296.62	ND(1)	ND(1)	ND(1)	ND(5)	7	ND(25)	ND(1)	ND(1)	ND(1)		
Mann-Kendall Statistic							0	0	0	0	-78	-52	-61	0	-61		

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-17D(117)	4/25/2014	328.84	31.35	ND	ND	297.49	ND(100)	ND(100)	ND(100)	ND(100)	120000	31000	2300	ND(100)	1800	CMT
	6/10/2014	328.84	30.58	ND	ND	298.26	ND(50)	ND(50)	ND(50)	ND(50)	54000	14000	1000	ND(50)	740	
	9/3/2014	328.84	32.99	ND	ND	295.85	ND(50)	ND(50)	ND(50)	ND(50)	23000	5500	450	ND(50)	300	
	12/8/2014	328.84	38.28	ND	ND	290.56	ND(5)	ND(5)	ND(5)	ND(5)	5000	1400	130	ND(5)	76	
	3/10/2015	328.84	37.65	ND	ND	291.19	ND(20)	ND(20)	ND(20)	ND(20)	8700	3300	350	ND(20)	120	
	6/2/2015	328.84	35.72	ND	ND	293.12	ND(50)	ND(50)	ND(50)	ND(50)	19000	2900	500	ND(50)	230	
	9/1/2015	328.84	36.70	ND	ND	292.14	ND(10)	ND(10)	ND(10)	ND(10)	9400	2400	290	ND(10)	160	
	12/29/2015	328.84	38.68	ND	ND	290.16	ND(10)	ND(10)	ND(10)	ND(10)	5800	1600	170	ND(10)	120	
	3/17/2016	328.84	37.48	ND	ND	291.36	ND(5)	ND(5)	ND(5)	ND(5)	4200	1100	100	ND(5)	74	
	4/29/2016	328.84	33.57	ND	ND	295.27	ND(5)	ND(5)	ND(5)	ND(5)	3500	590	79	ND(5)	43	
	8/16/2016	328.84	35.76	ND	ND	293.08	ND(5)	ND(5)	ND(5)	ND(5)	3300	660	95	ND(5)	55	
	12/13/2016	328.84	35.79	ND	ND	293.05	ND(2)	ND(2)	ND(2)	ND(2)	1000	150	17	ND(2)	14	
	3/13/2017	328.99	35.46	ND	ND	293.53	ND(2)	ND(2)	ND(2)	ND(2)	720	160	20	ND(2)	12	
	6/21/2017	328.99	35.45	ND	ND	293.54	ND(1)	ND(1)	ND(1)	ND(1)	790	110	20	ND(1)	13	
	8/28/2017	328.99	38.09	ND	ND	290.90	2	ND(1)	ND(1)	ND(1)	1100	190	50	ND(1)	25	
	11/30/2017	328.99	38.56	ND	ND	290.43	ND(2)	ND(2)	ND(2)	ND(2)	1800	390	46	ND(2)	25	
	3/8/2018	328.99	37.64	ND	ND	291.35	ND(2)	ND(2)	ND(2)	ND(2)	1700	370	67	ND(2)	36	
	6/4/2018	328.99	36.03	ND	ND	292.96	ND(2)	ND(2)	ND(2)	ND(2)	1100	290	38	ND(2)	18	
	9/5/2018	328.99	33.03	ND	ND	295.96	ND(2)	ND(2)	ND(2)	ND(10)	810	120	34	ND(2)	16	
Mann-Kendall Statistic							7	0	0	0	-73	-76	-69	0	-68	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-17D(129.75)	4/25/2014	328.84	32.77	ND	ND	296.07	ND(100)	ND(100)	ND(100)	ND(100)	120000	30000	2300	ND(100)	1800	CMT
	6/10/2014	328.84	31.59	ND	ND	297.25	ND(50)	ND(50)	ND(50)	ND(50)	49000	17000	830	ND(50)	690	
	9/3/2014	328.84	33.61	ND	ND	295.23	ND(100)	ND(100)	ND(100)	ND(100)	80000	23000	1400	ND(100)	990	
	12/8/2014	328.84	38.10	ND	ND	290.74	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2014	328.84	NM	NM	NM	NM	ND(50)	ND(50)	ND(50)	ND(50)	69000	21000	1500	ND(50)	1000	
	3/10/2015	328.84	43.87	ND	ND	284.97	ND(10)	ND(10)	ND(10)	ND(10)	12000	3300	360	ND(10)	180	
	6/2/2015	328.84	35.96	ND	ND	292.88	ND(100)	ND(100)	ND(100)	ND(100)	64000	9500	1300	ND(100)	790	
	8/31/2015	328.84	36.95	ND	ND	291.89	ND(100)	ND(100)	ND(100)	ND(100)	49000	15000	910	ND(100)	660	
	12/29/2015	328.84	38.24	ND	ND	290.60	ND(50)	ND(50)	ND(50)	ND(50)	18000	7000	320	ND(50)	320	
	3/17/2016	328.84	37.41	ND	ND	291.43	ND(5)	ND(5)	ND(5)	ND(5)	5600	600	97	ND(5)	73	
	4/29/2016	328.84	34.25	ND	ND	294.59	ND(2)	ND(2)	ND(2)	ND(2)	2100	290	42	ND(2)	24	
	8/16/2016	328.84	36.61	ND	ND	292.23	ND(2)	ND(2)	ND(2)	ND(2)	2200	450	61	ND(2)	37	
	12/13/2016	328.84	36.16	ND	ND	292.68	ND(2)	ND(2)	ND(2)	ND(2)	2000	480	37	ND(2)	35	
	3/13/2017	328.99	35.96	ND	ND	293.03	ND(2)	ND(2)	ND(2)	ND(2)	1700	360	45	ND(2)	28	
	6/21/2017	328.99	35.91	ND	ND	293.08	ND(5)	ND(5)	ND(5)	ND(5)	2900	410	68	ND(5)	40	
	8/28/2017	328.99	38.13	ND	ND	290.86	2	ND(2)	ND(2)	ND(2)	4300	730	140	ND(2)	80	
	11/30/2017	328.99	38.54	ND	ND	290.45	ND(5)	ND(5)	ND(5)	ND(5)	2900	660	58	ND(5)	40	
	3/8/2018	328.99	37.70	ND	ND	291.29	ND(5)	ND(5)	ND(5)	ND(5)	3500	720	100	ND(5)	62	
	6/4/2018	328.99	36.26	ND	ND	292.73	ND(5)	ND(5)	ND(5)	ND(5)	2200	640	43	ND(5)	27	
	9/5/2018	328.99	33.60	ND	ND	295.39	ND(2)	ND(2)	ND(2)	ND(10)	1600	500	37	ND(2)	30	
Mann-Kendall Statistic						7	0	0	0	-66	-40	-65	0	-59		

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-17D(147)	4/25/2014	328.84	33.41	ND	ND	295.43	ND(100)	ND(100)	ND(100)	ND(100)	98000	30000	2000	ND(100)	1500	CMT
	6/11/2014	328.84	31.96	ND	ND	296.88	ND(100)	ND(100)	ND(100)	ND(100)	82000	22000	1500	ND(100)	1200	
	9/3/2014	328.84	33.92	ND	ND	294.92	6	ND(1)	ND(1)	ND(1)	55000	16000	790	ND(1)	570	
	12/8/2014	328.84	37.99	ND	ND	290.85	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2014	328.84	NM	NM	NM	NM	ND(50)	ND(50)	ND(50)	ND(50)	70000	21000	1500	ND(50)	1000	
	3/10/2015	328.84	49.26	ND	ND	279.58	ND(50)	ND(50)	ND(50)	ND(50)	25000	9500	470	ND(50)	280	
	6/2/2015	328.84	35.87	ND	ND	292.97	ND(100)	ND(100)	ND(100)	ND(100)	56000	11000	960	ND(100)	650	
	9/1/2015	328.84	36.92	ND	ND	291.92	ND(50)	ND(50)	ND(50)	ND(50)	43000	13000	900	ND(50)	630	
	12/29/2015	328.84	37.52	ND	ND	291.32	ND(20)	ND(20)	ND(20)	ND(20)	13000	5400	170	ND(20)	230	
	3/17/2016	328.84	37.29	ND	ND	291.55	ND(1)	ND(1)	ND(1)	ND(1)	2600	3300	58	ND(1)	57	
	4/29/2016	328.84	34.26	ND	ND	294.58	ND(10)	ND(10)	ND(10)	ND(10)	3700	2400	41	ND(10)	44	
	8/16/2016	328.84	36.43	ND	ND	292.41	ND(1)	ND(1)	ND(1)	ND(1)	1100	2400	10	ND(1)	14	
	12/13/2016	328.84	36.38	ND	ND	292.46	ND(2)	ND(2)	ND(2)	ND(2)	3900	2000	49	ND(2)	64	
	3/13/2017	328.99	36.12	ND	ND	292.87	ND(5)	ND(5)	ND(5)	ND(5)	3000	1400	59	ND(5)	43	
	6/21/2017	328.99	36.08	ND	ND	292.91	ND(10)	ND(10)	ND(10)	ND(10)	7800	1400	170	ND(10)	98	
	8/28/2017	328.99	38.12	ND	ND	290.87	ND(1)	ND(1)	ND(1)	ND(1)	1600	1200	52	ND(1)	37	
	11/30/2017	328.99	38.44	ND	ND	290.55	ND(2)	ND(2)	ND(2)	ND(2)	2100	1400	47	ND(2)	39	
	3/8/2018	328.99	37.55	ND	ND	291.44	ND(10)	ND(10)	ND(10)	ND(10)	4600	1000	160	ND(10)	92	
	6/4/2018	328.99	36.18	ND	ND	292.81	ND(5)	ND(5)	ND(5)	ND(5)	2600	1000	47	ND(5)	37	
	9/5/2018	328.99	33.86	ND	ND	295.13	ND(5)	ND(5)	ND(5)	ND(25)	4400	650	170	ND(5)	95	
Mann-Kendall Statistic						0	0	0	0	-51	-107	-44	0	0	-57	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-18D	5/10/2013	334.88	40.57	ND	ND	294.31	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	Open from 97-136'
	6/6/2013	334.88	40.69	ND	ND	294.19	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	ND(0.5)	NA	NA	NA	NA	
	12/18/2013	334.88	41.60	ND	ND	293.28	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/24/2014	334.88	38.94	ND	ND	295.94	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/18/2014	334.88	36.04	ND	ND	298.84	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	9/3/2014	334.88	38.14	ND	ND	296.74	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/9/2014	334.88	42.23	ND	ND	292.65	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	334.88	42.19	ND	ND	292.69	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	334.88	40.72	ND	ND	294.16	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2015	334.88	42.77	ND	ND	292.11	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/2/2015	334.88	43.90	ND	ND	290.98	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	334.88	41.29	ND	ND	293.59	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	334.88	39.45	ND	ND	295.43	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/17/2016	334.88	41.24	ND	ND	293.64	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/13/2016	334.88	42.47	ND	ND	292.41	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	334.88	42.57	ND	ND	292.31	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/22/2017	334.88	42.06	ND	ND	292.82	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/29/2017	334.88	43.39	ND	ND	291.49	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	11/30/2017	334.88	44.12	ND	ND	290.76	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	334.88	43.70	ND	ND	291.18	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	334.88	41.96	ND	ND	292.92	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	334.88	38.83	ND	ND	296.05	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	
Mann-Kendall Statistic							0	0	0	0	0	0	0	0	0	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-19D	3/28/2014	341.91	43.16	ND	ND	298.75	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	6/20/2014	341.91	41.11	ND	ND	300.80	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	9/4/2014	341.91	43.36	ND	ND	298.55	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/9/2014	341.91	47.56	ND	ND	294.35	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	341.91	48.76	ND	ND	293.15	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	341.91	47.39	ND	ND	294.52	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2015	341.91	49.27	ND	ND	292.64	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/2/2015	341.91	50.59	ND	ND	291.32	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	341.91	47.40	ND	ND	294.51	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	341.91	44.21	ND	ND	297.70	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/19/2016	341.91	47.35	ND	ND	294.56	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/13/2016	341.91	46.78	ND	ND	295.13	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	341.91	46.51	ND	ND	295.40	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/22/2017	341.91	47.23	ND	ND	294.68	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/28/2017	341.91	48.84	ND	ND	293.07	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	11/30/2017	341.91	49.41	ND	ND	292.50	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	341.91	39.48	ND	ND	302.43	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	341.91	46.84	ND	ND	295.07	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/6/2018	341.91	43.25	ND	ND	298.66	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	
Mann-Kendall Statistic						0	0	0	0	0	0	0	0	0	0	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-20D(73-83)	4/11/2014	329.57	NM	NM	NM	NM	ND(1)	ND(1)	ND(1)	ND(1)	72	32	2	ND(1)	ND(1)	
	7/10/2014	329.57	NM	NM	NM	NM	ND(1)	ND(1)	ND(1)	ND(1)	100	28	3	ND(1)	ND(1)	
	8/26/2014	329.57	31.26	ND	ND	298.31	ND(1)	ND(1)	ND(1)	ND(1)	100	34	2	ND(1)	ND(1)	
	9/2/2014	329.57	33.62	ND	ND	295.95	ND(1)	ND(1)	ND(1)	ND(1)	120	27	3	ND(1)	1	
	12/9/2014	329.57	36.52	ND	ND	293.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/12/2015	329.57	38.02	ND	ND	291.55	ND(2)	ND(2)	ND(2)	ND(2)	740	340	15	ND(2)	8	
	3/27/2015	329.57	37.51	ND	ND	292.06	ND(1)	ND(1)	ND(1)	ND(1)	1400	480	24	ND(1)	18	
	5/6/2015	329.57	36.48	ND	ND	293.09	ND(1)	ND(1)	ND(1)	ND(1)	980	280	15	ND(1)	9	
	6/1/2015	329.57	36.52	ND	ND	293.05	ND(2)	ND(2)	ND(2)	ND(2)	940	190	16	ND(2)	10	
	9/1/2015	329.57	38.69	ND	ND	290.88	ND(1)	ND(1)	ND(1)	ND(1)	990	360	19	ND(1)	11	
	12/1/2015	329.57	38.97	ND	ND	290.60	ND(1)	ND(1)	ND(1)	ND(1)	900	400	15	ND(1)	11	
	3/17/2016	329.57	NM	NM	NM	NM	ND(1)	ND(1)	ND(1)	ND(1)	680	250	12	ND(1)	8	
	4/29/2016	329.57	35.41	ND	ND	294.16	ND(1)	ND(1)	ND(1)	ND(1)	670	190	13	ND(1)	5	
	8/19/2016	329.57	36.56	ND	ND	293.01	2	ND(1)	ND(1)	ND(1)	740	150	14	ND(1)	8	
	12/13/2016	329.57	37.70	ND	ND	291.87	ND(1)	ND(1)	ND(1)	ND(1)	570	180	8	ND(1)	5	
	3/13/2017	329.57	38.41	ND	ND	291.16	ND(1)	ND(1)	ND(1)	ND(1)	400	190	6	ND(1)	3	
	6/22/2017	329.57	38.31	ND	ND	291.26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/28/2017	329.57	38.85	ND	ND	290.72	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/30/2017	329.57	39.46	ND	ND	290.11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/8/2018	329.57	39.90	ND	ND	289.67	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/4/2018	329.57	37.43	ND	ND	292.14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/5/2018	329.57	35.13	ND	ND	294.44	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mann-Kendall Statistic							5	0	0	0	-37	-24	-32	0	-30	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-20D(90-100)	4/11/2014	329.58	NM	NM	NM	NM	ND(1)	ND(1)	ND(1)	ND(1)	55	24	1	ND(1)	ND(1)	
	7/10/2014	329.58	NM	NM	NM	NM	ND(1)	ND(1)	ND(1)	ND(1)	73	21	2	ND(1)	ND(1)	
	8/26/2014	329.58	32.88	ND	ND	296.70	ND(1)	ND(1)	ND(1)	ND(1)	75	26	1	ND(1)	ND(1)	
	9/2/2014	329.58	34.25	ND	ND	295.33	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	12/9/2014	329.58	37.24	ND	ND	292.34	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	329.58	38.22	ND	ND	291.36	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	
	6/1/2015	329.58	36.72	ND	ND	292.86	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	9/1/2015	329.58	38.82	ND	ND	290.76	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/1/2015	329.58	39.42	ND	ND	290.16	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	3/17/2016	329.58	NM	NM	NM	NM	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	
	4/29/2016	329.58	35.63	ND	ND	293.95	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	8/19/2016	329.58	37.30	ND	ND	292.28	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/13/2016	329.58	38.82	ND	ND	290.76	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	3/13/2017	329.58	39.03	ND	ND	290.55	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	6/22/2017	329.58	38.46	ND	ND	291.12	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/28/2017	329.58	39.40	ND	ND	290.18	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/30/2017	329.58	40.32	ND	ND	289.26	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	329.58	40.00	ND	ND	289.58	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	329.58	37.78	ND	ND	291.80	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	329.58	34.98	ND	ND	294.60	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Mann-Kendall Statistic							0	0	0	0	-8	0	0	0	0	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-20D(132-142)	4/11/2014	329.56	NM	NM	NM	NM	ND(1)	ND(1)	ND(1)	ND(1)	32	ND(20)	ND(1)	ND(1)	ND(1)	
	7/10/2014	329.56	NM	NM	NM	NM	ND(1)	ND(1)	ND(1)	ND(1)	55	ND(20)	1	ND(1)	ND(1)	
	8/26/2014	329.56	33.85	ND	ND	295.71	ND(1)	ND(1)	ND(1)	ND(1)	130	42	2	ND(1)	1	
	9/2/2014	329.56	34.36	ND	ND	295.20	ND(1)	ND(1)	ND(1)	ND(1)	100	38	3	ND(1)	ND(1)	
	12/9/2014	329.56	38.19	ND	ND	291.37	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/12/2015	329.56	38.26	ND	ND	291.30	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	6/1/2015	329.56	36.73	ND	ND	292.83	ND(1)	ND(1)	ND(1)	ND(1)	8	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	9/1/2015	329.56	38.80	ND	ND	290.76	ND(1)	ND(1)	ND(1)	ND(1)	7	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	12/1/2015	329.56	39.79	ND	ND	289.77	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	3/17/2016	329.56	NM	NM	NM	NM	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	4/29/2016	329.56	35.64	ND	ND	293.92	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	8/19/2016	329.56	37.36	ND	ND	292.20	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	12/13/2016	329.56	38.78	ND	ND	290.78	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	3/13/2017	329.56	38.94	ND	ND	290.62	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	6/22/2017	329.56	38.38	ND	ND	291.18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/28/2017	329.56	39.44	ND	ND	290.12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/30/2017	329.56	40.30	ND	ND	289.26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/8/2018	329.56	40.03	ND	ND	289.53	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/4/2018	329.56	37.77	ND	ND	291.79	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/5/2018	329.56	34.98	ND	ND	294.58	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mann-Kendall Statistic							0	0	0	0	-19	0	0	0	0	0

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-21S	4/11/2014	329.69	33.65	ND	ND	296.04	ND(10)	ND(10)	ND(10)	ND(10)	7500	6200	79	ND(10)	78	Screened from 26-46'
	6/18/2014	329.69	31.42	ND	ND	298.27	ND(1)	ND(1)	ND(1)	ND(1)	53	ND(20)	1	ND(1)	ND(1)	
	9/16/2014	329.69	34.26	ND	ND	295.43	ND(1)	ND(1)	ND(1)	ND(1)	130	31	4	ND(1)	1	
	12/10/2014	329.69	37.30	ND	ND	292.39	ND(1)	ND(1)	ND(1)	ND(1)	780	320	20	ND(1)	8	
	3/11/2015	329.69	37.33	ND	ND	292.36	ND(2)	ND(2)	ND(2)	ND(2)	910	610	17	ND(2)	8	
	6/3/2015	329.69	35.74	ND	ND	293.95	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	9/4/2015	329.69	37.78	ND	ND	291.91	ND(1)	ND(1)	ND(1)	ND(1)	32	ND(20)	3	ND(1)	ND(1)	
	12/1/2015	329.69	38.98	ND	ND	290.71	ND(1)	ND(1)	ND(1)	ND(1)	1500	890	23	ND(1)	16	
	3/17/2016	329.69	36.24	ND	ND	293.45	ND(1)	ND(1)	ND(1)	ND(1)	1400	760	18	ND(1)	16	
	5/4/2016	329.69	34.54	ND	ND	295.15	ND(2)	ND(2)	ND(2)	3	2400	900	30	ND(2)	22	
	8/19/2016	329.69	36.24	ND	ND	293.45	ND(1)	ND(1)	ND(1)	ND(1)	670	150	10	ND(1)	7	
	12/15/2016	329.69	38.03	ND	ND	291.66	ND(2)	ND(2)	ND(2)	ND(2)	1400	710	17	ND(2)	12	
	3/16/2017	329.69	38.24	ND	ND	291.45	ND(2)	ND(2)	ND(2)	ND(2)	1100	440	19	ND(2)	11	
	6/22/2017	329.69	37.43	ND	ND	292.26	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/28/2017	329.69	38.52	ND	ND	291.17	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/30/2017	329.69	39.55	ND	ND	290.14	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	329.69	39.10	ND	ND	290.59	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	329.69	36.95	ND	ND	292.74	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	329.69	34.05	ND	ND	295.64	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Mann-Kendall Statistic							0	0	0	3	12	8	6	0	10	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-21I	4/11/2014	329.71	33.71	ND	ND	296.00	ND(2)	ND(2)	ND(2)	ND(2)	2500	1700	31	ND(2)	28	Screened from 56-66'
	6/18/2014	329.71	31.52	ND	ND	298.19	ND(1)	ND(1)	ND(1)	ND(1)	1700	910	26	ND(1)	18	
	9/16/2014	329.71	34.35	ND	ND	295.36	ND(1)	ND(1)	ND(1)	ND(1)	2100	1500	29	ND(1)	26	
	12/10/2014	329.71	37.40	ND	ND	292.31	ND(1)	ND(1)	ND(1)	ND(1)	1900	1400	29	ND(1)	24	
	3/11/2015	329.71	37.40	ND	ND	292.31	ND(2)	ND(2)	ND(2)	ND(2)	1300	1000	22	ND(2)	15	
	5/6/2015	329.71	35.89	ND	ND	293.82	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	4	ND(1)	ND(1)		
	6/3/2015	329.71	35.81	ND	ND	293.90	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	9/4/2015	329.71	37.88	ND	ND	291.83	ND(2)	ND(2)	ND(2)	ND(2)	2300	1500	24	ND(2)	23	
	12/2/2015	329.71	39.04	ND	ND	290.67	ND(2)	ND(2)	ND(2)	ND(2)	2100	1400	23	ND(2)	22	
	3/17/2016	329.71	36.52	ND	ND	293.19	ND(1)	ND(1)	ND(1)	ND(1)	1300	880	20	ND(1)	17	
	5/3/2016	329.71	34.75	ND	ND	294.96	ND(1)	ND(1)	ND(1)	ND(1)	630	220	15	ND(1)	6	
	8/19/2016	329.71	36.37	ND	ND	293.34	ND(1)	ND(1)	ND(1)	ND(1)	1400	510	20	ND(1)	16	
	12/15/2016	329.71	38.10	ND	ND	291.61	ND(1)	ND(1)	ND(1)	ND(1)	220	33	8	ND(1)	2	
	3/16/2017	329.71	38.20	ND	ND	291.51	ND(1)	ND(1)	ND(1)	ND(1)	8	ND(20)	6	ND(1)	ND(1)	
	6/22/2017	329.71	37.48	ND	ND	292.23	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/28/2017	329.71	38.60	ND	ND	291.11	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/30/2017	329.71	39.44	ND	ND	290.27	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	329.71	39.25	ND	ND	290.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	329.71	36.97	ND	ND	292.74	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	329.71	34.12	ND	ND	295.59	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Mann-Kendall Statistic							0	0	0	0	-5	-12	-10	0	-8	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-22	4/11/2014	320.97	28.55	ND	ND	292.42	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	Screened from 20-40'
	6/18/2014	320.97	25.75	ND	ND	295.22	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	9/2/2014	320.97	27.48	ND	ND	293.49	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	12/9/2014	320.97	30.54	ND	ND	290.43	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	320.97	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	320.97	28.49	ND	ND	292.48	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2015	320.97	30.29	ND	ND	290.68	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	12/2/2015	320.97	31.76	ND	ND	289.21	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	320.97	29.04	ND	ND	291.93	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	320.97	28.32	ND	ND	292.65	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/18/2016	320.97	29.38	ND	ND	291.59	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	12/13/2016	320.97	32.49	ND	ND	288.48	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	320.97	33.06	ND	ND	287.91	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/22/2017	320.97	31.59	ND	ND	289.38	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/29/2017	320.97	32.16	ND	ND	288.81	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	11/30/2017	320.97	33.47	ND	ND	287.50	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	320.97	33.60	ND	ND	287.37	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	320.97	30.85	ND	ND	290.12	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	320.97	27.11	ND	ND	293.86	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Mann-Kendall Statistic						N/A	/A	N/A	/A	N/A	N/A	N/A	N/A	N/A	N/A	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-23D	5/19/2014	324.81	27.72	ND	ND	297.09	ND(10)	ND(10)	ND(10)	ND(10)	8000	1800	260	ND(10)	120	Screened from 90-100'
	6/10/2014	324.81	27.34	ND	ND	297.47	ND(20)	ND(20)	ND(20)	ND(20)	11000	2200	340	ND(20)	180	
	6/19/2014	324.81	27.19	ND	ND	297.62	ND(10)	ND(10)	ND(10)	ND(10)	5100	ND(200)	130	ND(10)	57	
	8/20/2014	324.81	28.42	ND	ND	296.39	ND(10)	ND(10)	ND(10)	ND(10)	10000	2100	270	ND(10)	140	
	9/3/2014	324.81	29.86	ND	ND	294.95	ND(20)	ND(20)	ND(20)	ND(20)	9300	1700	280	ND(20)	130	
	9/22/2014	324.81	32.83	ND	ND	291.98	ND(5)	ND(5)	ND(5)	ND(5)	4600	950	NA	NA	NA	
	10/21/2014	324.81	33.46	ND	ND	291.35	ND(10)	ND(10)	ND(10)	ND(10)	4100	790	120	ND(10)	68	
	12/10/2014	324.81	34.79	ND	ND	290.02	ND(1)	ND(1)	ND(1)	ND(1)	400	24	21	ND(1)	6	
	3/11/2015	324.81	33.63	ND	ND	291.18	ND(1)	27	ND(1)	2	200	32	11	ND(1)	2	
	6/3/2015	324.81	32.59	ND	ND	292.22	ND(1)	ND(1)	ND(1)	ND(1)	3	ND(20)	3	ND(1)	ND(1)	
	9/4/2015	324.81	35.85	ND	ND	288.96	ND(1)	ND(1)	ND(1)	ND(1)	53	ND(20)	4	ND(1)	ND(1)	
	12/2/2015	324.81	35.39	ND	ND	289.42	ND(1)	1	ND(1)	ND(1)	120	ND(20)	3	ND(1)	1	
	2/12/2016	324.81	31.55	ND	ND	293.26	ND(1)	ND(1)	ND(1)	ND(1)	87	ND(20)	3	ND(1)	ND(1)	
	3/16/2016	324.81	33.78	ND	ND	291.03	ND(1)	ND(1)	ND(1)	ND(1)	16	ND(20)	ND(1)	ND(1)	ND(1)	
	5/2/2016	324.81	29.94	ND	ND	294.87	ND(1)	ND(1)	ND(1)	ND(1)	36	ND(20)	2	ND(1)	ND(1)	
	8/18/2016	324.81	34.12	ND	ND	290.69	ND(1)	ND(1)	ND(1)	ND(1)	70	ND(20)	ND(1)	ND(1)	ND(1)	
	12/14/2016	324.81	32.20	ND	ND	292.61	ND(1)	ND(1)	ND(1)	ND(1)	67	ND(20)	ND(1)	ND(1)	ND(1)	
	3/16/2017	324.81	31.87	ND	ND	292.94	ND(1)	ND(1)	ND(1)	ND(1)	47	ND(20)	ND(1)	ND(1)	ND(1)	
	6/22/2017	324.81	33.05	ND	ND	291.76	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	8/29/2017	324.81	35.31	ND	ND	289.50	ND(1)	2	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/1/2017	324.81	34.90	ND	ND	289.91	ND(1)	ND(1)	ND(1)	ND(1)	5	ND(20)	ND(1)	ND(1)	ND(1)	
	3/8/2018	324.81	33.61	ND	ND	291.20	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	6/4/2018	324.81	32.41	ND	ND	292.40	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	9/6/2018	324.81	29.43	ND	ND	295.38	ND(1)	ND(1)	ND(1)	ND(5)	4	ND(25)	ND(1)	ND(1)	ND(1)	
Mann-Kendall Statistic							0	18	0	15	-63	-15	-68	0	-25	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-24	4/11/2014	324.49	27.66	ND	ND	296.83	ND(1)	1	ND(1)	ND(1)	29	ND(20)	1	ND(1)	ND(1)	Screened from 50-60'
	6/18/2014	324.49	26.39	ND	ND	298.10	ND(1)	ND(1)	ND(1)	ND(1)	21	ND(20)	ND(1)	ND(1)	ND(1)	
	9/3/2014	324.49	29.30	ND	ND	295.19	ND(1)	ND(1)	ND(1)	ND(1)	21	ND(20)	ND(1)	ND(1)	ND(1)	
	12/9/2014	324.49	33.93	ND	ND	290.56	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	324.49	33.66	ND	ND	290.83	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	6/3/2015	324.49	32.51	ND	ND	291.98	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	9/4/2015	324.49	35.15	ND	ND	289.34	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	12/2/2015	324.49	35.09	ND	ND	289.40	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	3/16/2016	324.49	33.35	ND	ND	291.14	ND(1)	ND(1)	ND(1)	ND(1)	3	ND(20)	ND(1)	ND(1)	ND(1)	
	5/2/2016	324.49	29.28	ND	ND	295.21	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	8/18/2016	324.49	33.25	ND	ND	291.24	ND(1)	ND(1)	ND(1)	ND(1)	10	ND(20)	ND(1)	ND(1)	ND(1)	
	12/14/2016	324.49	31.57	ND	ND	292.92	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	
	3/16/2017	324.49	31.22	ND	ND	293.27	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	6/22/2017	324.49	32.39	ND	ND	292.10	ND(1)	ND(1)	ND(1)	ND(1)	3	ND(20)	ND(1)	ND(1)	ND(1)	
	8/29/2017	324.49	34.90	ND	ND	289.59	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	12/1/2017	324.49	34.43	ND	ND	290.06	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	3/8/2018	324.49	33.45	ND	ND	291.04	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	6/4/2018	324.49	31.95	ND	ND	292.54	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	9/6/2018	324.49	28.73	ND	ND	295.76	ND(1)	ND(1)	ND(1)	ND(5)	2	ND(25)	ND(1)	ND(1)	ND(1)	
Mann-Kendall Statistic							0	0	0	0	-5	0	0	0	0	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-25D(90)	8/20/2014	323.92	22.06	ND	ND	301.86	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	9/2/2014	317.18	22.63	ND	ND	294.55	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	12/9/2014	317.18	25.04	ND	ND	292.14	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	3/10/2015	317.18	23.25	ND	ND	293.93	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	6/2/2015	317.18	23.76	ND	ND	293.42	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	9/2/2015	317.18	26.12	ND	ND	291.06	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	12/1/2015	317.18	37.27	ND	ND	279.91	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	3/16/2016	317.18	24.33	ND	ND	292.85	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	5/2/2016	317.18	22.37	ND	ND	294.81	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	8/17/2016	317.18	25.27	ND	ND	291.91	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	12/14/2016	317.18	24.50	ND	ND	292.68	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	3/16/2017	317.18	24.11	ND	ND	293.07	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	6/22/2017	317.18	24.40	ND	ND	292.78	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	8/28/2017	317.18	25.40	ND	ND	291.78	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	12/1/2017	317.18	25.94	ND	ND	291.24	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	3/8/2018	317.18	25.20	ND	ND	291.98	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	6/4/2018	317.18	23.60	ND	ND	293.58	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	9/6/2018	317.18	22.22	ND	ND	294.96	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	
Mann-Kendall Statistic							0	0	0	0	0	0	0	0	0	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-26D(78)	8/26/2014	295.13	2.63	ND	ND	292.50	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	9/2/2014	295.13	2.68	ND	ND	292.45	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	12/9/2014	295.13	2.46	ND	ND	292.67	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	3/10/2015	295.13	1.98	ND	ND	293.15	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	6/4/2015	295.13	1.82	ND	ND	293.31	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2015	295.13	2.08	ND	ND	293.05	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	12/2/2015	295.13	3.52	ND	ND	291.61	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	295.13	1.97	ND	ND	293.16	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	295.13	1.65	ND	ND	293.48	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/18/2016	295.13	3.43	ND	ND	291.70	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	12/13/2016	295.13	3.59	ND	ND	291.54	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	295.13	3.33	ND	ND	291.80	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/22/2017	295.13	3.19	ND	ND	291.94	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/28/2017	295.13	3.62	ND	ND	291.51	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	
	11/30/2017	295.13	3.73	ND	ND	291.40	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	295.13	2.81	ND	ND	292.32	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	295.13	2.17	ND	ND	292.96	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	295.13	2.01	ND	ND	293.12	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	
Mann-Kendall Statistic						0	0	0	0	0	0	0	0	0	0	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-27S	8/26/2014	323.40	28.42	ND	ND	294.98	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	
	9/2/2014	323.40	28.88	ND	ND	294.52	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	
	12/9/2014	323.40	32.28	ND	ND	291.12	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	3/11/2015	323.40	32.35	ND	ND	291.05	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	
	6/3/2015	323.40	30.72	ND	ND	292.68	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	9/3/2015	323.40	32.46	ND	ND	290.94	ND(1)	ND(1)	ND(1)	ND(1)	7	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)
	12/1/2015	323.40	33.80	ND	ND	289.60	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	3/16/2016	323.40	30.99	ND	ND	292.41	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	5/2/2016	323.40	29.95	ND	ND	293.45	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	
	8/18/2016	323.40	31.33	ND	ND	292.07	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/14/2016	323.40	32.42	ND	ND	290.98	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	3/16/2017	323.40	33.77	ND	ND	289.63	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	6/22/2017	323.40	32.77	ND	ND	290.63	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/29/2017	323.40	33.62	ND	ND	289.78	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	11/30/2017	323.40	34.64	ND	ND	288.76	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	323.40	34.50	ND	ND	288.90	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	323.40	32.13	ND	ND	291.27	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	323.40	29.26	ND	ND	294.14	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Mann-Kendall Statistic						0	0	0	-4	-24	0	0	0	0	0	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-27I	8/26/2014	323.35	28.26	ND	ND	295.09	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	
	9/2/2014	323.35	27.69	ND	ND	295.66	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	
	12/9/2014	323.35	32.31	ND	ND	291.04	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	
	3/11/2015	323.35	32.39	ND	ND	290.96	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	6/3/2015	323.35	30.75	ND	ND	292.60	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	
	9/3/2015	323.35	32.41	ND	ND	290.94	ND(1)	ND(1)	3	38	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/1/2015	323.35	33.42	ND	ND	289.93	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	3/16/2016	323.35	31.01	ND	ND	292.34	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	5/2/2016	323.35	29.86	ND	ND	293.49	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	8/18/2016	323.35	31.29	ND	ND	292.06	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/14/2016	323.35	33.39	ND	ND	289.96	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	3/16/2017	323.35	33.73	ND	ND	289.62	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	6/22/2017	323.35	32.78	ND	ND	290.57	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/29/2017	323.35	33.71	ND	ND	289.64	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	11/30/2017	323.35	34.30	ND	ND	289.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	323.35	34.60	ND	ND	288.75	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	323.35	32.23	ND	ND	291.12	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	323.35	29.40	ND	ND	293.95	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Mann-Kendall Statistic						0	0	-4	-4	-15	0	0	0	0	0	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
PW-1(65)	8/17/2009	334.54	NM	NM	NM	NM	0.76	ND(0.50)	ND(0.50)	0.46 J	1320	80.9	148	ND(0.50)	36.8	Abandoned to 75' (Nov 2011)
	10/16/2009	334.54	NM	NM	NM	NM	8N	D	ND	8.4	2520	NA	NA	NA	NA	Open from 55-75'
	6/22/2010	334.54	34.47	ND	ND	300.07	8	ND(0.7)	ND(0.8)	7	1600	NA	NA	NA	NA	
	9/30/2010	334.54	36.84	ND	ND	297.70	9	ND(0.7)	ND(0.8)	5	1600	NA	NA	NA	NA	
	12/16/2010	334.54	36.51	ND	ND	298.03	6	ND(1)	ND(2)	5	1700	NA	NA	NA	NA	
	5/24/2011	334.54	35.87	ND	ND	298.67	8 J	ND(4)	ND(4)	4 J	2100	NA	NA	NA	NA	
	9/2/2011	334.54	38.61	ND	ND	295.93	6	ND(0.7)	ND(0.8)	3 J	1800	NA	NA	NA	NA	Abandoned to 75' (Nov 2011)
	12/22/2011	334.54	36.37	ND	ND	298.17	4 J	ND(4)	ND(4)	ND(4)	1300	NA	NA	NA	NA	
	6/1/2012	334.54	36.82	ND	ND	297.72	3 J	ND(1)	ND(2)	ND(2)	860	NA	NA	NA	NA	
	2/25/2013	334.54	38.28	ND	ND	296.26	ND(5)	ND(5)	ND(5)	ND(5)	800	110	140	ND(5)	51	
	6/6/2013	334.54	37.41	ND	ND	297.13	3 J	ND(0.7)	ND(0.8)	ND(0.8)	1200	NA	NA	NA	NA	
	12/19/2013	334.54	38.60	ND	ND	295.94	ND(25)	ND(25)	ND(25)	ND(25)	4700	630	280	ND(25)	140	
	3/25/2014	334.54	36.19	ND	ND	298.35	ND(10)	ND(10)	ND(10)	ND(10)	6900	1000	290	ND(10)	180	
	6/19/2014	334.54	34.23	ND	ND	300.31	ND(5)	ND(5)	ND(5)	ND(5)	3300	420	170	ND(5)	76	
	9/10/2014	334.54	36.96	ND	ND	297.58	ND(10)	ND(10)	ND(10)	ND(10)	4600	370	210	ND(10)	120	
	12/10/2014	334.54	42.23	ND	ND	292.31	1	ND(1)	ND(1)	ND(1)	890	110	130	ND(1)	40	
	3/12/2015	334.54	43.30	ND	ND	291.24	ND(1)	ND(1)	ND(1)	ND(1)	460	70	100	ND(1)	21	
	6/3/2015	334.54	41.52	ND	ND	293.02	ND(1)	ND(1)	ND(1)	ND(1)	360	ND(20)	75	ND(1)	13	
	9/4/2015	334.54	43.42	ND	ND	291.12	ND(1)	ND(1)	ND(1)	ND(1)	150	29	36	ND(1)	4	
	12/1/2015	334.54	56.30	ND	ND	278.24	ND(1)	ND(1)	ND(1)	ND(1)	25	ND(20)	10	ND(1)	ND(1)	
	3/17/2016	334.54	41.23	ND	ND	293.31	ND(1)	ND(1)	ND(1)	ND(1)	32	ND(20)	9	ND(1)	ND(1)	
	5/3/2016	334.54	37.43	ND	ND	297.11	ND(1)	ND(1)	ND(1)	ND(1)	41	ND(20)	10	ND(1)	ND(1)	
	8/17/2016	334.54	41.04	ND	ND	293.50	ND(1)	ND(1)	ND(1)	ND(1)	32	ND(20)	5	ND(1)	ND(1)	
	12/14/2016	334.54	39.76	ND	ND	294.78	ND(1)	ND(1)	ND(1)	ND(1)	42	ND(20)	4	ND(1)	1	
	3/13/2017	333.25	38.19	ND	ND	295.06	ND(1)	ND(1)	ND(1)	ND(1)	42	ND(20)	6	ND(1)	1	
	6/22/2017	333.25	38.89	ND	ND	294.36	ND(1)	ND(1)	ND(1)	ND(1)	32	ND(20)	3	ND(1)	ND(1)	
	9/1/2017	333.25	40.79	ND	ND	292.46	ND(1)	ND(1)	ND(1)	ND(1)	30	ND(20)	3	ND(1)	ND(1)	
	12/1/2017	333.25	41.26	ND	ND	291.99	ND(1)	ND(1)	ND(1)	ND(1)	32	ND(20)	4	ND(1)	ND(1)	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
PW-1(65)	3/8/2018	333.25	40.45	ND	ND	292.80	ND(1)	ND(1)	ND(1)	ND(1)	24	ND(20)	3	ND(1)	ND(1)	
	6/4/2018	333.25	38.69	ND	ND	294.56	ND(1)	ND(1)	ND(1)	ND(1)	15	ND(20)	2	ND(1)	ND(1)	
	9/6/2018	333.25	35.23	ND	ND	298.02	ND(1)	ND(1)	ND(1)	ND(5)	12	ND(25)	1	ND(1)	ND(1)	
Mann-Kendall Statistic							-15	0	0	0	-81	-40	-105	0	-58	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments	
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)		
RW-1	3/24/2014	328.31	30.91	ND	ND	297.40	NS	NS	NS	NS	NS	NS	NS	NS	NS	Screened from 21-91'	
	6/19/2014	328.31	28.14	ND	ND	300.17	NS	NS	NS	NS	NS	NS	NS	NS	NS		
	8/20/2014	328.31	30.26	ND	ND	298.05	ND(20)	ND(20)	ND(20)	ND(20)	19000	3800	420	ND(20)	220		
	12/11/2014	328.31	58.61	ND	ND	269.70	NS	NS	NS	NS	NS	NS	NS	NS	NS		
	3/12/2015	328.31	44.47	ND	ND	283.84	ND(20)	ND(20)	ND(20)	ND(20)	7200	1800	200	ND(20)	100		
	6/1/2015	328.31	NM	NM	NM	NM	ND(10)	ND(10)	ND(10)	ND(10)	4700	550	140	ND(10)	71		
	8/17/2015	328.31	NM	NM	NM	NM	ND(5)	ND(5)	ND(5)	ND(5)	4500	NA	NA	NA	NA		
	8/31/2015	328.31	54.69	ND	ND	273.62	ND(10)	ND(10)	ND(10)	ND(10)	4400	810	120	ND(10)	63		
	12/1/2015	328.31	NM	NM	NM	NM	2	ND(1)	ND(1)	ND(1)	3900	740	100	ND(1)	66		
	2/12/2016	328.31	34.18	ND	ND	294.13	ND(10)	ND(10)	ND(10)	ND(10)	2600	440	56	ND(10)	33		
	3/17/2016	328.31	NM	NM	NM	NM	1	ND(1)	ND(1)	ND(1)	2400	260	66	ND(1)	38		
	5/6/2016	NM	NM	NM	NM	NM	ND(5)	ND(5)	ND(5)	ND(5)	5	5800	860	150	ND(5)	88	
	8/16/2016	328.31	34.77	ND	ND	293.54	ND(5)	ND(5)	ND(5)	ND(5)	1900	270	56	ND(5)	24		
	12/13/2016	328.31	34.77	ND	ND	293.54	NS	NS	NS	NS	NS	NS	NS	NS	NS		
	3/13/2017	328.52	34.45	ND	ND	294.07	ND(1)	ND(1)	ND(1)	ND(1)	660	78	23	ND(1)	9		
	6/22/2017	328.52	44.33	ND	ND	284.19	ND(1)	ND(1)	ND(1)	ND(1)	1700	150	41	ND(1)	20		
	8/28/2017	328.52	45.08	ND	ND	283.44	ND(1)	ND(1)	ND(1)	ND(1)	900	58	32	ND(1)	13		
	11/30/2017	328.52	44.74	ND	ND	283.78	ND(1)	ND(1)	ND(1)	ND(1)	530	56	28	ND(1)	6		
	3/8/2018	328.52	43.83	ND	ND	284.69	ND(1)	ND(1)	ND(1)	ND(1)	280	43	21	ND(1)	3		
	6/4/2018	328.52	40.58	ND	ND	287.94	ND(1)	ND(1)	ND(1)	ND(1)	430	45	16	ND(1)	6		
	9/6/2018	328.52	31.82	ND	ND	296.70	ND(1)	ND(1)	ND(1)	ND(5)	760	100	33	ND(1)	10		
Mann-Kendall Statistic						-13	0	0	-2	-79	-61	-62	0	-62			

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
W-1	1/18/2003	328.53	33.83	ND	ND	294.70	ND(5)	ND(5)	ND(5)	ND(10)	13000	9100	81	ND(5)	240	Screened from 10-40'
	8/5/2008	328.53	34.81	ND	ND	293.72	9.6	ND(5.0)	ND(5.0)	ND(5.0)	5200	NA	NA	NA	NA	
	6/7/2013	328.53	34.52	ND	ND	294.01	ND(10)	ND(14)	ND(16)	ND(16)	26000	NA	NA	NA	NA	
	12/19/2013	328.53	36.11	ND	ND	292.42	ND(100)	ND(100)	ND(100)	ND(100)	13000	6900	150	ND(100)	130	
	3/25/2014	328.53	33.50	ND	ND	295.03	ND(25)	ND(25)	ND(25)	ND(25)	16000	15000	170	ND(25)	170	
	6/19/2014	328.53	29.91	ND	ND	298.62	ND(50)	ND(50)	ND(50)	ND(50)	15000	13000	130	ND(50)	140	
	9/3/2014	328.53	31.77	ND	ND	296.76	ND(20)	ND(20)	ND(20)	ND(20)	13000	8900	95	ND(20)	100	
	12/10/2014	328.53	36.07	ND	ND	292.46	ND(20)	ND(20)	ND(20)	ND(20)	18000	14000	170	ND(20)	170	
	3/12/2015	328.53	35.89	ND	ND	292.64	ND(20)	ND(20)	ND(20)	ND(20)	11000	9100	120	ND(20)	110	
	6/4/2015	328.53	34.34	ND	ND	294.19	ND(50)	ND(50)	ND(50)	ND(50)	8800	4700	98	ND(50)	84	
	9/4/2015	328.53	36.46	ND	ND	292.07	ND(10)	ND(10)	ND(10)	ND(10)	11000	7800	94	ND(10)	89	
	12/2/2015	328.53	37.57	ND	ND	290.96	ND(10)	ND(10)	ND(10)	ND(10)	16000	16000	140	ND(10)	160	
	2/12/2016	328.53	36.02	ND	ND	292.51	ND(10)	ND(10)	ND(10)	ND(10)	10000	8200	94	ND(10)	90	
	3/17/2016	328.53	34.72	ND	ND	293.81	ND(1)	ND(1)	ND(1)	ND(1)	9800	7800	110	4	100	
	5/4/2016	328.53	33.16	ND	ND	295.37	ND(10)	ND(10)	ND(10)	ND(10)	13000	8100	140	ND(10)	110	
	6/27/2016	328.53	34.09	ND	ND	294.44	ND(5)	ND(5)	ND(5)	ND(5)	6400	NA	NA	NA	NA	
	8/19/2016	328.53	35.04	ND	ND	293.49	ND(10)	ND(10)	ND(10)	ND(10)	8400	4000	83	ND(10)	81	
	12/15/2016	328.53	36.54	ND	ND	291.99	ND(20)	ND(20)	ND(20)	ND(20)	9900	9000	88	ND(20)	77	
	3/16/2017	328.53	36.66	ND	ND	291.87	ND(5)	ND(5)	ND(5)	ND(5)	7600	6500	84	ND(5)	71	
	6/22/2017	328.53	35.97	ND	ND	292.56	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/28/2017	328.53	37.11	ND	ND	291.42	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/30/2017	328.53	37.99	ND	ND	290.54	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	328.53	37.35	ND	ND	291.18	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	328.53	35.50	ND	ND	293.03	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	328.53	32.60	ND	ND	295.93	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data								Comments	
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
	Mann-Kendall Statistic						0	0	0	0	-15	-1	-12	0	-12	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
W-2	1/18/2003	329.47	34.56	ND	ND	294.91	ND(5)	ND(5)	ND(5)	ND(10)	100	ND(100)	ND(5)	ND(5)	ND(5)	Screened from 10-40'
	8/5/2008	329.47	35.53	ND	ND	293.94	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	320	NA	NA	NA	NA	
	6/7/2013	329.47	35.30	ND	ND	294.17	ND(5)	ND(7)	ND(8)	ND(8)	14000	NA	NA	NA	NA	
	12/19/2013	329.47	36.82	ND	ND	292.65	ND(50)	ND(50)	ND(50)	ND(50)	7700	ND(800)	130	ND(50)	74	
	3/25/2014	329.47	34.26	ND	ND	295.21	ND(100)	ND(100)	ND(100)	ND(100)	7000	ND(1600)	130	ND(100)	ND(100)	
	6/19/2014	329.47	30.74	ND	ND	298.73	ND(10)	ND(10)	ND(10)	ND(10)	5000	ND(200)	39	ND(10)	38	
	9/3/2014	329.47	32.64	ND	ND	296.83	ND(10)	ND(10)	ND(10)	ND(10)	3900	ND(200)	21	ND(10)	27	
	12/10/2014	329.47	36.75	ND	ND	292.72	ND(2)	ND(2)	ND(2)	ND(2)	2100	ND(40)	25	ND(2)	18	
	3/11/2015	329.47	36.74	ND	ND	292.73	ND(2)	ND(2)	ND(2)	ND(2)	1000	84	20	ND(2)	9	
	6/3/2015	329.47	35.19	ND	ND	294.28	ND(5)	ND(5)	ND(5)	ND(5)	1400	ND(100)	15	ND(5)	11	
	9/4/2015	329.47	DRY	DRY	DRY	DRY	ND(1)	ND(1)	ND(1)	ND(1)	1100	ND(20)	22	ND(1)	9	
	12/2/2015	329.47	38.42	ND	ND	291.05	ND(1)	ND(1)	ND(1)	ND(1)	440	ND(20)	16	ND(1)	3	
	3/17/2016	329.47	35.81	ND	ND	293.66	ND(1)	ND(1)	ND(1)	ND(1)	970	ND(20)	32	ND(1)	9	
	5/3/2016	329.47	34.06	ND	ND	295.41	ND(1)	ND(1)	ND(1)	ND(1)	580	ND(20)	33	ND(1)	4	
	8/18/2016	329.47	35.86	ND	ND	293.61	ND(1)	ND(1)	ND(1)	ND(1)	190	ND(20)	14	ND(1)	1	
	12/15/2016	329.47	37.30	ND	ND	292.17	ND(1)	ND(1)	ND(1)	ND(1)	170	36	12	ND(1)	1	
	3/16/2017	329.47	37.35	ND	ND	292.12	ND(1)	ND(1)	ND(1)	ND(1)	240	82	12	ND(1)	2	
	6/22/2017	329.47	36.74	ND	ND	292.73	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/28/2017	329.47	37.90	ND	ND	291.57	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/30/2017	329.47	38.74	ND	ND	290.73	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	329.47	38.21	ND	ND	291.26	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	329.47	36.31	ND	ND	293.16	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	329.47	33.40	ND	ND	296.07	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Mann-Kendall Statistic						0	0	0	0	-33	8	-16	0	-31		

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
W-3	1/18/2003	330.14	35.88	ND	ND	294.26	ND(5)	ND(5)	ND(5)	ND(10)	ND(5)	ND(100)	ND(5)	ND(5)	ND(5)	Screened from 10-45'
	8/5/2008	330.14	35.92	ND	ND	294.22	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	22	NA	NA	NA	NA	
	6/7/2013	330.14	35.84	ND	ND	294.30	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	2 J	NA	NA	NA	NA	
	12/18/2013	330.14	37.22	ND	ND	292.92	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	
	3/24/2014	330.14	34.57	ND	ND	295.57	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/19/2014	330.14	31.08	ND	ND	299.06	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2014	330.14	33.20	ND	ND	296.94	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	
	12/9/2014	330.14	37.11	ND	ND	293.03	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	330.14	35.61	ND	ND	294.53	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	330.14	35.69	ND	ND	294.45	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/4/2015	330.14	37.66	ND	ND	292.48	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	
	12/2/2015	330.14	38.92	ND	ND	291.22	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	330.14	36.24	ND	ND	293.90	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	330.14	34.68	ND	ND	295.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/18/2016	330.14	36.24	ND	ND	293.90	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/13/2016	330.14	37.94	ND	ND	292.20	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/22/2017	330.14	37.32	ND	ND	292.82	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/28/2017	330.14	38.42	ND	ND	291.72	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/30/2017	330.14	39.35	ND	ND	290.79	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	330.14	39.95	ND	ND	290.19	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	330.14	36.88	ND	ND	293.26	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	330.14	33.89	ND	ND	296.25	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Mann-Kendall Statistic							N/A	/A	N/A	/A	N/A	N/A	N/A	N/A	N/A	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
W-4	1/18/2003	327.67	34.12	ND	ND	293.55	71	920	850	8700	55	790	ND(5)	ND(5)	ND(5)	Screened from 10-40'
	8/5/2008	327.67	34.25	ND	ND	293.42	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	22	NA	NA	NA	NA	
	6/7/2013	327.67	34.08	ND	ND	293.59	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	ND(0.5)	NA	NA	NA	NA	
	12/18/2013	327.67	35.91	ND	ND	291.76	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	
	3/24/2014	327.67	33.24	ND	ND	294.43	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/19/2014	327.67	29.62	ND	ND	298.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/8/2014	327.67	31.54	ND	ND	296.13	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2014	327.67	35.98	ND	ND	291.69	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	327.67	35.09	ND	ND	292.58	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	327.67	33.00	ND	ND	294.67	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2015	327.67	34.91	ND	ND	292.76	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/2/2015	327.67	36.46	ND	ND	291.21	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	327.67	33.62	ND	ND	294.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	327.67	31.32	ND	ND	296.35	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/18/2016	327.67	33.90	ND	ND	293.77	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/13/2016	327.67	36.26	ND	ND	291.41	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	327.67	36.76	ND	ND	290.91	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/22/2017	327.67	35.44	ND	ND	292.23	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/28/2017	327.67	36.23	ND	ND	291.44	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/30/2017	327.67	37.37	ND	ND	290.30	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	327.67	37.31	ND	ND	290.36	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	327.67	34.74	ND	ND	292.93	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	327.67	31.32	ND	ND	296.35	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Mann-Kendall Statistic							N/A	/A	N/A	/A	N/A	N/A	N/A	N/A	N/A	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
W-5	8/5/2008	327.81	35.93	ND	ND	291.88	320	3000	3000	16000	ND(5.0)	NA	NA	NA	NA	Interval not available
	6/7/2013	327.81	35.30	ND	ND	292.51	180	96	270	11000	ND(0.5)	NA	NA	NA	NA	
	12/18/2013	327.81	37.46	ND	ND	290.35	290	160	860	6000	ND(13)	ND(200)	ND(13)	ND(13)	ND(13)	
	3/24/2014	327.81	34.75	ND	ND	293.06	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/19/2014	327.81	31.23	ND	ND	296.58	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/8/2014	327.81	31.98	ND	ND	295.83	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2014	327.81	37.19	ND	ND	290.62	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	327.81	37.15	ND	ND	290.66	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	327.81	33.47	ND	ND	294.34	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2015	327.81	35.20	ND	ND	292.61	240	210	790	7600	ND(1)	51	ND(1)	ND(1)	ND(1)	
	12/2/2015	327.81	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	327.81	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	327.81	33.33	ND	ND	294.48	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/18/2016	327.81	34.50	ND	ND	293.31	210	330	700	5400	ND(2)	58	ND(2)	ND(2)	ND(2)	
	12/13/2016	327.81	37.60	ND	ND	290.21	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	327.81	38.22	ND	ND	289.59	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/22/2017	327.81	36.49	ND	ND	291.32	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/28/2017	327.81	37.14	ND	ND	290.67	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/30/2017	327.81	38.44	ND	ND	289.37	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	327.81	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	327.81	35.88	ND	ND	291.93	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	327.81	32.21	ND	ND	295.60	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Mann-Kendall Statistic							N/A	/A	N/A	/A	N/A	N/A	N/A	N/A	N/A	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
W-6	8/5/2008	325.21	31.63	ND	ND	293.58	ND(5.0)	ND(5.0)	ND(5.0)	18.6	16	NA	NA	NA	NA	Interval not available
	6/7/2013	325.21	31.12	ND	ND	294.09	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	6N	NA	NA	NA	A	
	12/18/2013	325.21	32.12	ND	ND	293.09	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)
	3/25/2014	325.21	29.37	ND	ND	295.84	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)
	6/18/2014	325.21	26.56	ND	ND	298.65	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	9/3/2014	325.21	26.98	ND	ND	298.23	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	12/9/2014	325.21	30.37	ND	ND	294.84	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	3/11/2015	325.21	25.36	ND	ND	299.85	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	6/2/2015	325.21	31.07	ND	ND	294.14	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	9/3/2015	325.21	34.37	ND	ND	290.84	1	1	3	40	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	12/1/2015	325.21	34.34	ND	ND	290.87	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	3/16/2016	325.21	31.65	ND	ND	293.56	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	5/2/2016	325.21	29.96	ND	ND	295.25	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	8/17/2016	325.21	31.73	ND	ND	293.48	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	12/14/2016	325.21	33.20	ND	ND	292.01	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	3/16/2017	325.21	33.32	ND	ND	291.89	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)
	6/22/2017	325.21	32.70	ND	ND	292.51	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/28/2017	325.21	33.86	ND	ND	291.35	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/30/2017	325.21	34.76	ND	ND	290.45	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/8/2018	325.21	34.21	ND	ND	291.00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/4/2018	325.21	32.21	ND	ND	293.00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/5/2018	325.21	29.32	ND	ND	295.89	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mann-Kendall Statistic							-3	-3	-3	-3	0	0	0	0	0	0

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
W-7	8/5/2008	329.77	37.35	ND	ND	292.42	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	16	NA	NA	NA	NA	Interval not available
	6/6/2013	329.77	37.04	ND	ND	292.73	ND(0.5)	ND(0.7)	ND(0.8)	ND(0.8)	ND(0.5)	NA	NA	NA	NA	
	12/18/2013	329.77	38.24	ND	ND	291.53	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	
	3/24/2014	329.77	35.60	ND	ND	294.17	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	
	6/18/2014	329.77	32.49	ND	ND	297.28	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	9/3/2014	329.77	34.24	ND	ND	295.53	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/9/2014	329.77	37.70	ND	ND	292.07	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	3/10/2015	329.77	37.74	ND	ND	292.03	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	6/2/2015	329.77	34.60	ND	ND	295.17	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	9/3/2015	329.77	37.95	ND	ND	291.82	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/1/2015	329.77	39.19	ND	ND	290.58	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	3/16/2016	329.77	36.46	ND	ND	293.31	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	5/2/2016	329.77	34.42	ND	ND	295.35	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	8/17/2016	329.77	36.72	ND	ND	293.05	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	12/14/2016	329.77	39.05	ND	ND	290.72	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	3/16/2017	329.77	39.39	ND	ND	290.38	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	
	6/22/2017	329.77	38.31	ND	ND	291.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/28/2017	329.77	39.14	ND	ND	290.63	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/30/2017	329.77	40.21	ND	ND	289.56	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	329.77	40.09	ND	ND	289.68	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	329.77	37.67	ND	ND	292.10	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	329.77	34.60	ND	ND	295.17	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Mann-Kendall Statistic						0	0	0	0	0	0	0	0	0	0	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
GFSCMW-2	3/24/2014	316.79	30.18	ND	ND	286.61	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	Interval not available
	6/19/2014	316.79	29.12	ND	ND	287.67	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/4/2014	316.79	27.99	ND	ND	288.80	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2014	316.79	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	316.79	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	316.79	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/1/2015	316.79	29.38	ND	ND	287.41	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/2/2015	316.79	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	316.79	29.89	ND	ND	286.90	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	316.79	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/16/2016	316.79	29.82	ND	ND	286.97	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/13/2016	316.79	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	316.79	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/22/2017	316.79	30.75	ND	ND	286.04	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/28/2017	316.79	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/30/2017	316.79	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	316.79	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	316.79	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	316.79	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	Covered by dumpster
Mann-Kendall Statistic							N/A	/A	N/A	/A	N/A	N/A	N/A	N/A	N/A	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
GFSCMW-3	3/24/2014	319.78	29.14	ND	ND	290.64	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	Interval not available
	6/19/2014	319.78	28.42	ND	ND	291.36	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/4/2014	319.78	27.24	ND	ND	292.54	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2014	319.78	34.56	ND	ND	285.22	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	319.78	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	319.78	27.82	ND	ND	291.96	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/1/2015	319.78	29.81	ND	ND	289.97	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/2/2015	319.78	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	319.78	28.65	ND	ND	291.13	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	319.78	28.20	ND	ND	291.58	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/16/2016	319.78	28.90	ND	ND	290.88	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/13/2016	319.78	32.43	ND	ND	287.35	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	319.78	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/22/2017	319.78	31.36	ND	ND	288.42	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/28/2017	319.78	31.54	ND	ND	288.24	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/30/2017	319.78	33.15	ND	ND	286.63	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	319.78	33.34	ND	ND	286.44	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	319.78	30.22	ND	ND	289.56	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	319.78	25.94	ND	ND	293.84	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Mann-Kendall Statistic							N/A	/A	N/A	/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
GFGPMW-4	3/24/2014	310.10	18.87	ND	ND	291.23	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	Screened from 5.5-20.5'
	6/19/2014	310.10	17.21	ND	ND	292.89	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/4/2014	310.10	18.39	ND	ND	291.71	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2014	310.10	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	310.10	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	310.10	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/1/2015	310.10	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/2/2015	310.10	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	310.10	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	310.10	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/16/2016	310.10	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/13/2016	310.10	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	310.10	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/22/2017	310.10	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/28/2017	310.10	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/30/2017	310.10	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	310.10	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	310.10	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	310.10	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Mann-Kendall Statistic							N/A	/A	N/A	/A	N/A	N/A	N/A	N/A	N/A	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Well ID	Date	Gauging Data					Analytical Data									Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
GFGPMW-5	3/24/2014	310.72	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	Screened from 5-25'
	6/19/2014	310.72	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/4/2014	310.72	22.31	ND	ND	288.41	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2014	310.72	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/12/2015	310.72	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2015	310.72	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/1/2015	310.72	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/2/2015	310.72	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2016	310.72	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/2/2016	310.72	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/16/2016	310.72	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/13/2016	310.72	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/13/2017	310.72	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/22/2017	310.72	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/28/2017	310.72	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/30/2017	310.72	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/8/2018	310.72	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/4/2018	310.72	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/5/2018	310.72	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Mann-Kendall Statistic							N/A	/A	N/A	/A	N/A	N/A	N/A	N/A	N/A	

Table 3 (Continued)**Groundwater Monitoring & Analytical Data – Analytical Data**

Inactive Fairfax Facility #26140

9901 Georgetown Pike

Great Falls, Virginia

January 18, 2003 through September 6, 2018

Notes:

µg/L - micrograms per liter (µg/L)

CMT - Continuous Multichannel Tubing

DIPE - Isopropyl ether

ETBE - Ethyl tert-butyl ether

GW - Groundwater

J - Indicates an estimated value

MTBE - Methyl Tertiary Butyl Ether

NA - Not analyzed

ND - Not detected

ND(5.0) - Not detected at or above the laboratory reporting limit, laboratory reporting limit included.

NM - Not monitored

NS - Not sampled

NSVD - Not surveyed to vertical datum

TAME - Tert-Amyl methyl ether

TBA - Tert-Butyl alcohol

TABLE 4

Groundwater Recovery System Monitoring and Performance

Inactive Fairfax Facility #26140
 9901 Georgetown Pike,
 Great Falls, Virginia

August 28, 2014 through August 10, 2018

SYSTEM OPERATING DATA:

Date	Date and Time	RW-1 Influent Totalizer Reading (gallons)	RW-1 Runtime (hours)	RW-1 Average Flow (gpm)	MW-16D Influent Totalizer Reading (gallons)	MW-16D Runtime (hours)	MW-16D Average Flow (gpm)	Effluent Totalizer Reading (gallons)	Gallons Treated during Period	Operating Days during Period	Average Flow (gpm)	Average Flow (gpd)	MTBE Beg. Conc. (µg/L)	MTBE End Conc. (µg/L)	Avg. Influent Total MTBE (µg/L)	MTBE Recovery Rate (lbs/hr)	MTBE Mass Recovered (lbs) during Period	MTBE Cumulative Mass Recovered (lbs)
8/28/2014	8/28/14 7:40	84	0	0.00	97	0	0	582	--	0.0	--	--	--	40,000	--	--	--	
8/28/2014 ¹	8/28/14 10:40	1,338	3	7.82	97	0	0.00	NR	NR	0.1	8.35	1,338	40,000	40,000	40,000	0.17	0.45	0.45
8/29/2014 ²	8/29/14 6:30	1,338	3	0.00	10,869	20	8.98	12,884	12,302	0.8	9.06	10,869	4,200	4,200	4,200	0.02	0.38	0.83
8/29/2014	8/29/14 9:20	1,361	6	0.14	10,869	20	0.00	13,599	715	0.1	4.21	6,064	40,000	60,000	50,000	0.11	0.30	1.13
9/2/2014	9/2/14 18:05	19,950	97	3.39	10,869	20	0.00	32,320	18,721	3.8	3.41	4,910	60,000	60,000	60,000	0.10	9.37	10.50
9/3/2014	9/3/14 7:00	24,901	111	5.89	10,869	20	0.00	37,020	4,700	0.6	5.60	8,057	60,000	29,000	44,500	0.12	1.75	12.24
9/4/2014	9/4/14 15:15	41,155	143	8.40	10,869	20	0.00	53,274	16,254	1	8.40	12,096	29,000	33,000	31,000	0.13	4.20	16.45
9/12/2014	9/12/14 14:15	106,698	286	7.64	10,869	20	0.00	118,402	81,382	6	9.49	13,659	33,000	33,000	33,000	0.16	22.41	38.86
9/16/2014	9/16/14 7:15	154,200	362	10.45	10,869	20	0.00	165,065	46,663	3.7	8.74	12,583	33,000	21,000	27,000	0.12	10.51	49.37
9/22/2014	9/22/14 7:30	228,617	506	8.61	10,869	20	0.00	238,365	73,300	6.0	8.48	12,217	21,000	21,000	21,000	0.09	12.84	62.22
9/30/2014	9/30/14 8:30	317,802	684	8.35	10,869	20	0.00	327,777	89,412	7.4	8.37	12,056	21,000	21,000	21,000	0.09	15.67	77.88
10/6/2014	10/6/14 8:00	388,909	827	8.29	10,869	20	0.00	399,420	71,643	6.0	8.35	12,024	21,000	16,000	18,500	0.08	11.06	88.94
10/13/2014	10/13/14 7:20	468,702	988	8.26	10,869	20	0.00	479,111	79,691	6.7	8.25	11,879	16,000	16,000	16,000	0.07	10.64	99.58
10/20/2014	10/20/14 8:20	552,099	1,157	8.22	10,869	20	0.00	561,935	82,824	7.0	8.17	11,762	16,000	17,000	16,500	0.07	11.40	110.99
10/27/2014	10/27/14 8:00	634,476	1,318	8.53	10,869	20	0.00	644,143	82,208	6.7	8.51	12,255	17,000	17,000	17,000	0.07	11.66	122.65
11/6/2014	11/6/14 10:45	741,202	1,533	8.27	10,869	20	0.00	750,608	106,465	9.0	8.25	11,884	17,000	12,000	14,500	0.06	12.88	135.53
11/18/2014	11/18/14 14:33	839,069	1,734	8.12	10,869	20	0.00	848,425	97,817	8.4	8.11	11,680	12,000	12,000	12,000	0.05	9.79	145.32
11/25/2014	11/25/14 10:20	918,427	1,896	8.16	10,869	20	0.00	927,265	78,840	6.8	8.11	11,680	12,000	12,000	12,000	0.05	7.89	153.22
11/26/2014	11/26/14 10:00	922,579	1,903	9.89	10,869	20	0.00	930,784	3,519	0.3	8.38	12,065	12,000	12,000	12,000	0.05	0.35	153.57
12/3/2014	12/3/14 11:54	991,666	2,045	8.11	10,869	20	0.00	995,891	65,107	5.9	7.64	11,004	12,000	12,000	12,000	0.05	6.52	160.09
12/17/2014	12/17/14 14:45	1,125,750	2,383	6.61	10,869	20	0.00	1,160,620	164,729	14.1	8.12	11,697	12,000	12,000	12,000	0.05	16.49	176.58
12/29/2014	12/29/14 10:15	1,300,720	2,668	10.23	10,869	20	0.00	1,299,310	138,690	11.9	8.11	11,679	12,000	8,700	10,350	0.04	11.98	188.56
1/5/2015	1/5/15 13:30	1,385,250	2,840	8.19	10,869	20	0.00	1,384,070	84,760	7.2	8.21	11,879	8,700	8,700	8,700	0.04	6.15	194.72
1/14/2015	1/14/15 10:00	1,488,490	3,050	8.19	10,869	20	0.00	1,488,830	104,760	8.8	8.31	11,832	8,700	8,700	8,700	0.04	7.61	202.32
1/26/2015	1/26/15 14:30	1,490,480	3,054	8.29	10,869	20	0.00	1,490,340	1,510	0.2	6.29	124	12,000	12,000	12,000	0.04	0.15	202.47
1/30/2015	1/30/15 9:45	1,562,290	3,145	13.15	10,869	20	0.00	1,535,710	45,370	3.80	8.29	11,933	12,000	12,000	12,000	0.05	4.54	207.01
2/3/2015	2/3/15 10:00	1,590,570	3,219	6.37	24,731	94	3.12	1,571,390	35,680	4.01	6.18	8,897	3,900	5,300	4,600	0.01	1.37	208.38
2/11/2015	2/11/15 9:38	1,647,930	3,408	5.06	59,978	282	3.12	1,661,500	90,110	7.98	7.84	11,285	5,300	5,300	0.02	3.99	212.37	
2/20/2015	2/20/15 11:00	1,712,450	3,492	12.80	75,606	367	3.06	1,701,030	39,530	9.06	3.03	4,365	5,300	5,300	0.01	1.75	214.12	
2/27/2015	2/27/15 13:00	1,757,040	3,644	4.89	105,201	520	3.22	1,760,620	59,590	7.08	5.84	8,413	5,300	5,300	0.02	2.64	216.75	
3/4/2015	3/4/15 10:35	1,790,190	3,761	4.72	126,911	637	3.09	1,813,180	52,560	4.90	7.45	10,728	5,300	4,900	5,100	0.02	2.24	218.99
3/9/2015	3/9/15 14:50	1,824,630	3,884	4.67	149,977	760	3.13	1,867,980	54,800	5.18	7.35	10,585	4,900	4,900	4,900	0.02	2.24	221.23
3/17/2015	3/17/15 12:35	1,877,980	4,074	4.68	188,633	950	3.39	1,951,870	83,890	7.91	7.37	10,611	4,900	4,900	4,900	0.02	3.43	224.66

TABLE 4

Groundwater Recovery System Monitoring and Performance

Inactive Fairfax Facility #26140
9901 Georgetown Pike,
Great Falls, Virginia

August 28, 2014 through August 10, 2018

SYSTEM OPERATING DATA:

Date	Date and Time	RW-1 Influent Totalizer Reading (gallons)	RW-1 Runtime (hours)	RW-1 Average Flow (gpm)	MW-16D Influent Totalizer Reading (gallons)	MW-16D Runtime (hours)	MW-16D Average Flow (gpm)	Effluent Totalizer Reading (gallons)	Gallons Treated during Period	Operating Days during Period	Average Flow (gpd)	Average Flow (gpd)	MTBE Beg. Conc. (µg/L)	MTBE End Conc. (µg/L)	Avg. Influent Total MTBE (µg/L)	MTBE Recovery Rate (lbs/hr)	MTBE Mass Recovered (lbs) during Period	MTBE Cumulative Mass Recovered (lbs)
3/27/2015	3/27/15 13:30	1,945,690	4,314	4.70	234,952	1,191	3.20	2,059,280	107,410	10.04	7.43	10,700	4,900	4,900	0.02	4.39	229.05	
4/1/2015	4/1/15 8:25	1,980,270	4,430	4.97	234,952	1,191	0.00	2,092,050	32,770	4.83	4.71	6,780	4,900	6,500	5,700	0.01	1.56	230.61
4/7/2015	4/7/15 8:40	1,996,540	4,483	5.12	234,952	1,191	0.00	2,107,220	15,170	2.21	4.77	6,869	6,500	6,500	6,500	0.02	0.82	231.43
4/21/2015	4/21/15 13:00	2,090,500	4,785	5.19	235,228	1,192	4.60	2,197,450	90,230	12.58	4.98	7,171	6,500	6,500	6,500	0.02	4.89	236.33
4/30/2015	4/30/15 7:58	2,141,590	4,974	4.51	273,370	1,381	3.36	2,280,320	82,870	8.79	6.55	9,427	6,500	6,500	6,500	0.02	4.49	240.82
5/6/2015	5/6/15 12:10	2,180,480	5,122	4.38	302,819	1,529	3.32	2,343,870	63,550	6.18	7.15	10,291	6,500	4,200	5,350	0.02	2.84	243.66
5/22/2015	5/22/15 9:45	2,276,900	5,504	4.21	376,197	1,910	3.21	2,501,160	157,290	15.90	6.87	9,893	4,200	4,200	4,200	0.01	5.51	249.17
6/1/2015	6/1/15 14:05	2,327,770	5,708	4.16	415,361	2,115	3.18	2,582,700	81,540	10.18	5.56	8,009	4,200	4,000	4,100	0.01	2.79	251.96
6/2/2015	6/2/15 15:40	2,330,660	5,719	4.38	417,438	2,126	3.15	2,587,170	4,470	0.46	6.77	9,753	4,000	4,000	4,000	0.01	0.15	252.11
6/4/2015	6/4/15 11:10	2,341,600	5,763	4.14	426,456	2,170	3.42	2,605,400	18,230	1.83	6.91	9,944	4,000	4,000	4,000	0.01	0.61	252.72
6/9/2015	6/9/15 12:50	2,351,070	5,800	4.27	436,307	2,207	4.44	2,622,630	17,230	1.54	7.76	11,176	4,000	4,000	4,000	0.02	0.58	253.29
6/15/2015	6/15/15 12:45	2,388,230	5,944	4.30	473,883	2,351	4.35	2,689,500	66,870	6.00	7.74	11,145	4,000	3,800	3,900	0.02	2.18	255.47
6/17/2015	6/17/15 10:30	2,394,120	5,967	4.27	479,771	2,374	4.27	2,700,110	10,610	0.96	7.69	11,071	3,800	3,800	3,800	0.01	0.34	255.81
7/2/2015	7/2/15 10:00	2,456,940	6,218	4.17	541,121	2,624	4.09	2,812,230	112,120	10.46	7.44	10,721	3,800	3,600	3,700	0.01	3.46	259.27
7/9/2015	7/9/15 10:55	2,499,270	6,386	4.20	578,973	2,793	3.73	2,883,620	71,390	7.00	7.08	10,199	3,600	4,000	3,800	0.01	2.26	261.53
7/14/2015	7/14/15 11:45	2,546,580	6,507	6.52	603,518	2,914	3.38	2,950,570	66,950	5.04	9.22	13,279	4,000	4,000	4,000	0.02	2.23	263.77
8/3/2015	8/3/15 12:30	2,736,220	6,988	6.57	678,526	3,395	2.60	3,193,030	242,460	20.04	8.40	12,098	4,000	4,400	4,200	0.02	8.50	272.26
8/17/2015	8/17/15 12:45	2,877,480	7,325	6.99	722,491	3,732	2.17	3,363,080	170,050	14.04	8.41	12,110	4,000	3,300	3,650	0.02	5.18	277.44
9/1/2015	9/1/15 14:45	3,026,620	7,685	6.90	760,311	4,092	1.75	3,534,960	171,880	15.00	7.96	11,459	3,300	3,300	3,300	0.01	4.73	282.18
9/15/2015	9/15/15 11:30	3,158,520	8,018	6.60	787,720	4,424	1.38	3,685,170	150,210	13.88	7.52	10,826	3,300	3,400	3,350	0.01	4.20	286.37
9/22/2015	9/22/15 12:24	3,222,530	8,188	6.28	799,479	4,595	1.15	3,758,660	73,490	7.08	7.20	10,375	3,300	3,400	3,350	0.01	2.05	288.43
9/25/2015	9/25/15 12:45	3,228,370	8,204	6.08	803,832	4,611	4.53	3,767,940	9,280	0.67	9.67	13,920	3,300	3,400	3,350	0.02	0.26	288.69
9/29/2015	9/29/15 13:00	3,257,360	8,301	4.98	830,472	4,707	4.63	3,819,140	51,200	4.04	8.80	12,668	3,300	3,400	3,350	0.01	1.43	290.12
10/5/2015	10/5/15 12:30	3,300,270	8,444	5.00	872,488	4,851	4.86	3,895,190	76,050	5.96	8.86	12,764	3,400	2,800	3,100	0.01	1.97	292.09
10/15/2015	10/15/15 11:00	3,371,850	8,682	5.01	946,992	5,089	5.22	4,021,980	126,790	9.92	8.88	12,786	2,800	1,800	2,300	0.01	2.43	294.52
11/2/2015	11/2/15 9:45	3,493,100	9,098	4.86	1,084,290	5,505	5.50	4,243,880	221,900	17.33	8.89	12,802	1,800	1,500	1,650	0.01	3.06	297.58
11/17/2015	11/17/15 10:15	3,581,660	9,385	5.14	1,183,850	5,792	5.78	4,405,660	161,780	11.96	9.39	13,529	1,500	1,500	1,500	0.01	2.02	299.60
11/30/2015	11/30/15 10:42	3,670,000	9,698	4.70	1,275,130	6,105	4.86	4,557,230	151,570	13.04	8.07	11,622	1,500	1,500	1,500	0.01	1.90	301.50
12/1/2015	12/1/15 14:30	3,677,570	9,726	4.51	1,282,870	6,133	4.61	4,570,260	13,030	1.17	7.76	11,169	1,500	2,400	1,950	0.01	0.21	301.71
12/16/2015	12/16/15 9:10	3,771,960	10,081	4.43	1,374,660	6,488	4.31	4,731,750	161,490	14.79	7.58	10,918	2,400	2,100	2,250	0.01	3.03	304.74
12/29/2015	12/29/15 14:30	3,854,020	NR	4.31	1,442,400	NR	3.56	4,867,060	135,310	13.22	7.11	10,234	2,100	2,100	2,100	0.01	2.37	307.11
1/4/2016	1/4/16 13:30	3,890,230	10,541	4.22	1,467,890	6,948	2.97	4,925,640	58,580	5.96	6.83	9,832	2,100	1,900	2,000	0.01	0.98	308.09
1/18/2016	1/18/16 12:18	4,023,750	10,862	6.93	1,540,360	7,268	3.77	5,122,310	196,670	13.38	10.21	14,704	1,900	1,600	1,750	0.01	2.87	310.96
2/12/2016	2/12/16 14:42	4,140,130	10,984	8.66	1,540,410	7,268	0.00	5,185,670	63,360	5.08	8.66	12,464	1,600	2,400	2,000	0.01	1.06	312.02
2/18/2016	2/18/16 11:55	4,208,650	11,126	8.04	1,540,410	7,268	0.00	5,258,920	73,250	5.92	8.60	12,380	2,400	2,300	2,350	0.01	1.44	313.46

TABLE 4

Groundwater Recovery System Monitoring and Performance

Inactive Fairfax Facility #26140
9901 Georgetown Pike,
Great Falls, Virginia

August 28, 2014 through August 10, 2018

SYSTEM OPERATING DATA:

Date	Date and Time	RW-1 Influent Totalizer Reading (gallons)	RW-1 Runtime (hours)	RW-1 Average Flow (gpm)	MW-16D Influent Totalizer Reading (gallons)	MW-16D Runtime (hours)	MW-16D Average Flow (gpm)	Effluent Totalizer Reading (gallons)	Gallons Treated during Period	Operating Days during Period	Average Flow (gpd)	Average Flow (gpd)	MTBE Beg. Conc. (µg/L)	MTBE End Conc. (µg/L)	Avg. Influent Total MTBE (µg/L)	MTBE Recovery Rate (lbs/hr)	MTBE Mass Recovered (lbs) during Period	MTBE Cumulative Mass Recovered (lbs)
2/23/2016	2/23/16 11:30	4,265,570	11,245	7.97	1,540,410	7,268	0.00	5,320,100	61,180	4.96	8.57	12,339	2,300	2,300	2,300	0.01	1.17	314.63
2/25/2016	2/25/16 10:10	4,266,490	11,246	11.33	1,540,410	7,268	0.00	5,320,780	680	0.04	11.33	16,320	2,300	2,300	2,300	0.01	0.01	314.64
3/1/2016	3/1/16 14:40	4,302,390	11,315	8.67	1,540,410	7,268	0.00	5,358,560	37,780	2.88	9.13	13,141	2,300	2,300	2,300	0.01	0.73	315.37
3/8/2016	3/8/16 9:35	4,386,640	11,478	8.61	1,540,410	7,268	0.00	5,448,350	89,790	6.79	9.18	13,221	2,300	2,300	2,300	0.01	1.72	317.09
3/17/2016	3/17/16 13:40	4,494,070	11,696	8.21	1,540,410	7,268	0.00	5,559,800	111,450	9.08	8.52	12,270	2,300	2,100	2,200	0.01	2.05	319.14
5/11/2016	5/11/16 13:15	4,496,530	11,696	0.00	1,540,700	7,268	0.00	5,560,570	0	0.00	0.00	0	2,100	2,100	2,100	0.00	0.00	319.14
5/16/2016	5/16/16 9:40	4,552,880	11,815	7.89	1,540,710	7,272	0.04	5,615,520	54,950	4.96	7.70	11,082	2,100	2,300	2,200	0.01	1.01	320.15
5/25/2016	5/25/16 17:10	4,659,230	12,039	7.91	1,540,710	7,272	0.00	5,718,590	103,070	9.33	7.67	11,043	2,300	1,900	2,100	0.01	1.81	321.95
6/2/2016	6/2/16 14:35	4,746,220	12,228	7.67	1,540,710	7,272	0.00	5,803,640	85,050	7.88	7.50	10,800	1,900	1,900	1,900	0.01	1.35	323.30
6/15/2016	6/15/16 10:45	4,891,980	12,537	7.86	1,540,710	7,272	0.00	5,947,690	144,050	12.88	7.77	11,188	1,900	1,900	1,900	0.01	2.28	325.58
6/27/2016	6/27/16 12:30	5,019,910	12,809	7.84	1,540,710	7,272	0.00	6,074,340	126,650	11.33	7.76	11,175	1,900	1,900	1,900	0.01	2.01	327.59
7/7/2016	7/7/16 16:10	5,135,070	13,052	7.90	1,540,710	7,272	0.00	6,185,200	110,860	10.13	7.60	10,949	1,900	1,700	1,800	0.01	1.67	329.26
7/15/2016	7/15/16 11:08	5,214,760	13,219	7.95	1,540,710	7,272	0.00	6,259,930	74,730	6.96	7.46	10,740	1,700	1,700	1,700	0.01	1.06	330.32
7/28/2016	7/28/16 8:00	5,258,720	13,314	7.71	1,540,710	7,272	0.00	6,302,980	43,050	3.96	7.55	10,876	1,700	1,700	1,700	0.01	0.61	330.93
7/29/2016	7/29/16 13:30	5,266,740	13,330	8.35	1,540,710	7,272	0.00	6,311,050	8,070	0.67	8.41	12,105	1,700	2,000	1,850	0.01	0.12	331.05
8/2/2016	8/2/16 8:55	5,310,860	13,422	7.99	1,540,710	7,272	0.00	6,354,430	43,380	3.83	7.86	11,317	2,000	2,000	2,000	0.01	0.72	331.78
8/19/2016	8/19/16 7:00	5,469,190	13,755	7.92	1,540,710	7,272	0.00	6,510,440	156,010	13.88	7.81	11,244	2,000	2,000	2,000	0.01	2.60	334.38
5/17/2017	5/17/17 7:00	5,469,190	13,755	0.00	1,540,900	7,272	0.00	6,510,440	0	0.00	0.00	0	2,000	1,600	1,800	0.00	0.00	334.38
5/17/2017	5/17/17 13:25	5,469,590	13,756	6.67	1,540,900	7,272	0.00	6,510,690	250	0.04	4.17	6,000	1,600	1,600	1,600	0.00	0.00	334.38
5/30/2017	5/30/17 10:15	5,564,520	14,064	5.14	1,540,900	7,272	0.00	6,607,210	96,520	12.83	5.22	7,521	1,600	1,700	1,650	0.00	1.33	335.71
6/5/2017	6/5/17 13:00	5,609,080	14,211	5.05	1,540,900	7,272	0.00	6,652,010	44,800	6.13	5.08	7,314	1,700	1,700	1,700	0.00	0.64	336.35
6/21/2017	6/21/17 14:30	5,652,080	14,355	4.98	1,540,900	7,272	0.00	6,695,500	43,490	6.00	5.03	7,248	1,700	1,600	1,650	0.00	0.60	336.95
7/6/2017	7/6/17 11:05	5,753,910	14,712	4.75	1,540,900	7,272	0.00	6,804,030	108,530	14.88	5.07	7,296	1,600	1,200	1,400	0.00	1.27	338.21
7/19/2017	7/19/17 11:43	5,838,890	15,022	4.57	1,540,900	7,272	0.00	6,893,880	89,850	12.92	4.83	6,956	1,200	1,200	1,200	0.00	0.90	339.11
8/2/2017	8/2/17 11:57	5,926,750	15,359	4.35	1,540,900	7,272	0.00	6,986,580	92,700	14.04	4.58	6,602	1,200	810	1,005	0.00	0.78	339.89
8/14/2017	8/14/17 14:05	5,939,990	15,410	4.33	1,540,900	7,272	0.00	7,000,270	13,690	2.13	4.47	6,442	810	1,200	1,005	0.00	0.11	340.01
8/23/2017	8/23/17 11:15	5,998,150	15,618	4.66	1,540,900	7,272	0.00	7,061,310	61,040	8.67	4.89	7,043	1,200	1,200	1,200	0.00	0.61	340.62
9/1/2017	9/1/17 10:36	6,056,220	15,833	4.50	1,540,900	7,272	0.00	7,122,960	61,650	8.96	4.78	6,882	1,200	800	1,000	0.00	0.51	341.13
9/18/2017	9/18/17 11:20	6,157,420	16,242	4.12	1,540,900	7,272	0.00	7,231,840	108,880	17.04	4.44	6,389	800	630	715	0.00	0.65	341.78
10/4/2017	10/4/17 15:10	6,242,650	16,629	3.67	1,540,900	7,272	0.00	7,325,930	94,090	16.13	4.05	5,835	630	460	545	0.00	0.43	342.21
10/19/2017	10/19/17 12:45	6,321,320	16,987	3.66	1,540,900	7,272	0.00	7,407,200	81,270	14.92	3.78	5,448	460	460	460	0.00	0.31	342.52
11/1/2017	11/1/17 12:20	6,375,140	17,298	2.88	1,540,900	7,272	0.00	7,475,720	68,520	12.96	3.67	5,288	460	430	445	0.00	0.25	342.78
11/16/2017	11/16/17 11:50	6,396,370	17,659	0.98	1,540,900	7,272	0.00	7,554,670	78,950	15.04	3.64	5,249	430	440	435	0.00	0.29	343.06
11/20/2017	11/20/17 8:10	6,396,420	17,718	0.01	1,540,900	7,272	0.00	7,567,780	13,110	2.46	3.70	5,333	440	440	440	0.00	0.05	343.11

TABLE 4

Groundwater Recovery System Monitoring and Performance

Inactive Fairfax Facility #26140
9901 Georgetown Pike,
Great Falls, Virginia

August 28, 2014 through August 10, 2018

SYSTEM OPERATING DATA:

Date	Date and Time	RW-1 Influent Totalizer Reading (gallons)	RW-1 Runtime (hours)	RW-1 Average Flow (gpm)	MW-16D Influent Totalizer Reading (gallons)	MW-16D Runtime (hours)	MW-16D Average Flow (gpm)	Effluent Totalizer Reading (gallons)	Gallons Treated during Period	Operating Days during Period	Average Flow (gpm)	Average Flow (gpd)	MTBE Beg. Conc. (µg/L)	MTBE End Conc. (µg/L)	Avg. Influent Total MTBE (µg/L)	MTBE Recovery Rate (lbs/hr)	MTBE Mass Recovered (lbs) during Period	MTBE Cumulative Mass Recovered (lbs)
11/21/2017	11/21/17 9:24	6,399,180	17,730	3.83	1,540,900	7,272	0.00	7,570,650	2,870	0.50	3.99	5,740	440	440	440	0.00	0.01	343.12
12/1/2017	12/1/17 11:26	6,452,640	17,973	3.67	1,540,900	7,272	0.00	7,628,920	58,270	10.13	4.00	5,755	440	460	450	0.00	0.22	343.34
12/13/2017	12/13/17 13:49	6,516,810	18,258	3.75	1,540,900	7,272	0.00	7,696,350	67,430	11.88	3.94	5,678	460	390	425	0.00	0.24	343.58
1/9/2018	1/9/18 12:18	6,663,890	18,905	3.79	1,540,900	7,272	0.00	7,841,030	144,680	26.96	3.73	5,367	390	280	335	0.00	0.40	343.98
1/22/2018	1/22/18 12:59	6,735,330	19,218	3.80	1,540,900	7,272	0.00	7,909,480	68,450	13.04	3.64	5,249	280	260	270	0.00	0.15	344.14
2/2/2018	2/2/18 8:00	6,794,860	19,476	3.85	1,540,900	7,272	0.00	7,965,590	56,110	10.75	3.62	5,220	260	270	265	0.00	0.12	344.26
2/14/2018	2/14/18 14:55	6,848,140	19,771	3.01	1,540,900	7,272	0.00	8,029,210	63,620	12.29	3.59	5,176	270	260	265	0.00	0.14	344.40
3/8/2018	3/8/18 15:30	6,971,220	20,269	4.12	1,540,900	7,272	0.00	8,136,500	107,290	20.75	3.59	5,171	260	240	250	0.00	0.22	344.63
3/19/2018	3/19/18 12:30	7,042,370	20,529	4.56	1,540,900	7,272	0.00	8,193,250	56,750	10.83	3.64	5,238	240	230	235	0.00	0.11	344.74
3/23/2018	3/23/18 13:30	7,042,640	20,530	4.50	1,540,900	7,272	0.00	8,193,460	210	0.04	3.50	5,040	230	230	230	0.00	0.00	344.74
4/2/2018	4/2/18 11:15	7,105,960	20,768	4.43	1,540,900	7,272	0.00	8,242,980	49,730	9.92	3.48	5,015	230	290	260	0.00	0.11	344.85
5/4/2018	5/4/18 11:10	*	21,099	**	1,540,900	7,272	0.00	8,309,890	66,910	13.79	3.37	4,851	290	590	440	0.00	0.25	345.09
5/22/2018	5/22/18 7:50	7,195,350	21,217	**	1,540,900	7,272	0.00	8,337,360	27,470	4.92	3.88	5,587	590	320	455	0.00	0.10	345.20
6/4/2018	6/4/18 14:21	7,291,940	21,535	5.06	1,540,900	7,272	0.00	8,402,850	65,490	13.25	3.43	4,943	320	330	325	0.00	0.18	345.27
6/21/2018	6/21/18 7:18	*	21,936	**	1,540,900	7,272	0.00	8,507,620	104,770	16.71	4.35	6,271	330	330	330	0.00	0.29	345.56
7/5/2018	7/5/18 7:25	*	22,272	**	1,540,900	7,272	0.00	8,579,610	71,990	14.00	3.57	5,142	330	300	315	0.00	0.19	345.75
7/25/2018	7/25/18 7:10	*	22,751	**	1,540,900	7,272	0.00	8,676,920	97,310	19.96	3.39	4,876	300	300	300	0.00	0.24	345.99
8/6/2018	8/6/18 7:50	*	23,040	**	1,540,900	7,272	0.00	8,733,200	56,280	12.04	3.25	4,674	300	140	220	0.00	0.10	346.09
8/10/2018	8/10/18 8:15	*	23,136	**	1,540,900	7,272	0.00	8,751,490	18,290	4.00	3.18	4,573	140	140	140	0.00	0.02	346.12

Cumulative Hydrocarbon Recovery and Discharge

Groundwater Treated/Discharged this Period (gal)	8,750,908
Total Operating Days	964
Total Days in Period	1117
Run Time (%)	86%
Average Flow (gpm)	5.44
Average Flow (gpd)	7,834
Total MTBE Mass Recovered (lbs)	346.12

Third Quarter (June 21, 2018 through August 10, 2018)

Groundwater Treated/Discharged this Period (gal)	243,870
Total Operating Days	50
Total Days in Period	50
Run Time (%)	100%
Average Flow (gpm)	3.38
Average Flow (gpd)	4,874
Total MTBE Mass Recovered this Period (lbs)	0.56

HYDROCARBON RECOVERY & DISCHARGE CALCULATION:

Mass discharged/recovery rate (lbs/hr) = (conc.) (3.785 L/gal) (1 lb/453600000 µg) (flow rate-gpm) (60 min/hr)

Mass discharged/recovery (lbs) = (conc.) (3.785 L/gal) (1 lb/453600000 µg) (flow rate-gpd) (days operating)

Operating days are from the last monitoring event of the previous quarter to the last monitoring event of the current month.

Notes:

gal = gallons

gpm = gallons per minute

gpd = gallons per day

µg/l = micrograms per liter

lbs / hr = pounds per hour

lbs = pounds

MTBE = methyl tertiary butyl ether

If compounds were detected below the laboratory recordable limits, then half of the sum of the detection limits for each compound are used in calculating hydrocarbon mass recovery.

System readings collected upon departure; gallons treated and average flow calculations determined from effluent totalizer values.

1 - Data representative of RW-1 pumping from 0800 - 1040 on 8/28/14. RW-1 pump turned off and MW-16D pump turned on at 1040 on 8/28/14.

2 - Data representative of MW-16D pumping from 1030 on 8/28/14 - 0630 on 8/29/14. MW-16D pump turned off and RW-1 pump turned on at 0630 on 8/29/14.

* - RW-1 Totalizer screen display not working during Site visit.

** - RW-1 Totalizer not functional.

APPENDIX A

Lancaster Laboratories Analysis Reports – Groundwater (September 5 and 6, 2018)



ANALYSIS REPORT

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

Report Date: September 18, 2018 23:39

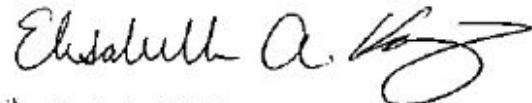
Project: Fairfax 26140

Account #: 12152
Group Number: 1984786
PO Number: 51141-318064
State of Sample Origin: VA

Electronic Copy To Kleinfelder
Electronic Copy To Kleinfelder
Electronic Copy To Kleinfelder
Electronic Copy To Kleinfelder
Electronic Copy To Kleinfelder

Attn: Mark Steele
Attn: Venelda Williams
Attn: Jennifer Kozak
Attn: Nathan Stevens
Attn: Evan McMullen

Respectfully Submitted,



Elisabeth A. Knisley
Project Manager

(717) 556-7262

To view our laboratory's current scopes of accreditation please go to <http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/>. Historical copies may be requested through your project manager.



SAMPLE INFORMATION

<u>Client Sample Description</u>	<u>Sample Collection Date/Time</u>	<u>ELLE#</u>
MW-17D (75) Grab Water	09/05/2018 08:05	9792162
MW-17D (81) Grab Water	09/05/2018 09:15	9792163
MW-17D (87.75) Grab Water	09/05/2018 10:20	9792164
MW-17D (92) Grab Water	09/05/2018 11:20	9792165
MW-17D (117) Grab Water	09/05/2018 12:25	9792166
MW-17D (129.75) Grab Water	09/05/2018 13:20	9792167
MW-17D (147) Grab Water	09/05/2018 14:20	9792168
MW-10 Grab Water	09/06/2018 09:05	9792169
MW-24 Grab Water	09/06/2018 09:45	9792170
MW-11 Grab Water	09/06/2018 10:50	9792171
MW-2 Grab Water	09/06/2018 12:00	9792172
MW-15 Grab Water	09/05/2018 14:15	9792173
MW-16D (95) Grab Water	09/06/2018 11:05	9792174
SVE-2 Grab Water	09/06/2018 11:45	9792175
PW-1 (65) Grab Water	09/06/2018 13:00	9792176
RW-1 Grab Water	09/06/2018 14:00	9792177
MW-5R Grab Water	09/05/2018 09:30	9792178
MW-7 Grab Water	09/05/2018 10:20	9792179
MW-19D Grab Water	09/06/2018 07:58	9792180
MW-12D (110) Grab Water	09/06/2018 09:55	9792181
MW-26D (78) Grab Water	09/05/2018 08:20	9792182
MW-25D (90) Grab Water	09/06/2018 08:51	9792183
MW-6S Grab Water	09/05/2018 11:25	9792184
MW-6D (85) Grab Water	09/05/2018 12:10	9792185
MW-23D Grab Water	09/06/2018 08:15	9792186
MW-18D Grab Water	09/05/2018 13:15	9792187
MW-1R Grab Water	09/06/2018 12:45	9792188

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Sample Description: MW-17D (75) Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792162
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 08:05

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B		ug/l	
10335	Acetone 67-	64-1	< 500	500	25
10335	Acrolein 107	-02-8	< 2,500	2,500	25
10335	Acrylonitrile 107	-13-1	< 500	500	25
10335	t-Amyl methyl ether	994-05-8	200	25	25
10335 B	benzene	71-43-2	< 25	25	25
10335 B	romodichloromethane	75-27-4	< 25	25	25
10335 B	romoform	75-25-2	< 130	130	25
10335 B	romomethane	74-83-9	< 25	25	25
10335 2-B	utanone	78-93-3	< 250	250	25
10335	t-Butyl alcohol	75-65-0	2,500	630	25
10335 n-B	utylbenzene	104-51-8	< 130	130	25
10335 sec	-Butylbenzene	135-98-8	< 130	130	25
10335	Carbon Tetrachloride	56-23-5	< 25	25	25
10335 C	chlorobenzene	108-90-7	< 25	25	25
10335 C	chloroethane	75-00-3	< 25	25	25
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 250	250	25
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335 C	chloroform	67-66-3	< 25	25	25
10335 C	chloromethane	74-87-3	< 25	25	25
10335 D	ibromochloromethane	124-48-1	< 25	25	25
10335 1,2	-Dichlorobenzene	95-50-1	< 130	130	25
10335 1,3	-Dichlorobenzene	541-73-1	< 130	130	25
10335 1,4	-Dichlorobenzene	106-46-7	< 130	130	25
10335 1,1	-Dichloroethane	75-34-3	< 25	25	25
10335 1,2	-Dichloroethane	107-06-2	< 130	130	25
10335 1,1	-Dichloroethene	75-35-4	< 25	25	25
10335	cis-1,2-Dichloroethene	156-59-2	52	25	25
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 25	25	25
10335 1,2	-Dichloropropane	78-87-5	< 25	25	25
10335 cis	-1,3-Dichloropropene	10061-01-5	< 25	25	25
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 25	25	25
10335	Ethyl t-butyl ether	637-92-3	< 25	25	25
10335 E	thylbenzene	100-41-4	< 25	25	25
10335	di-Isopropyl ether	108-20-3	320	25	25
10335 Iso	propylbenzene	98-82-8	< 130	130	25
10335 p-I	sopropyltoluene	99-87-6	< 130	130	25
10335	Methyl Tertiary Butyl Ether	1634-04-4	13,000	250	250
10335	Methylene Chloride	75-09-2	< 25	25	25
10335 N	aphthalene	91-20-3	< 250	250	25
10335 n-P	ropylbenzene	103-65-1	< 130	130	25
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 25	25	25
10335 T	etrachloroethene	127-18-4	< 25	25	25
10335 T	oluene	108-88-3	< 25	25	25
10335 1,1	,1-Trichloroethane	71-55-6	< 25	25	25
10335 1,1	,2-Trichloroethane	79-00-5	< 25	25	25
10335 T	richloroethene	79-01-6	< 25	25	25
10335 T	richlorofluoromethane	75-69-4	< 25	25	25
10335 1,2	,4-Trimethylbenzene	95-63-6	< 130	130	25
10335 1,3	,5-Trimethylbenzene	108-67-8	< 130	130	25

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Sample Description: MW-17D (75) Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792162
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 08:05

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 25	25	25
10335	Xylene (Total)	1330-20-7	< 130	130	25

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	E182564AA	09/14/2018 04:15	Kevin D Kelly	25
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	E182564AA	09/14/2018 04:35	Kevin D Kelly	250
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E182564AA	09/14/2018 04:15	Kevin D Kelly	25
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E182564AA	09/14/2018 04:35	Kevin D Kelly	250

Sample Description: MW-17D (81) Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792163
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 09:15

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone 67-	64-1	< 400	400	20
10335	Acrolein 107	-02-8	< 2,000	2,000	20
10335	Acrylonitrile 107	-13-1	< 400	400	20
10335	t-Amyl methyl ether	994-05-8	110	20	20
10335 B	benzene	71-43-2	< 20	20	20
10335 B	romodichloromethane	75-27-4	< 20	20	20
10335 B	romoform	75-25-2	< 100	100	20
10335 B	romomethane	74-83-9	< 20	20	20
10335 2-B	utanone	78-93-3	< 200	200	20
10335	t-Butyl alcohol	75-65-0	1,200	500	20
10335 n-B	utylbenzene	104-51-8	< 100	100	20
10335 sec	-Butylbenzene	135-98-8	< 100	100	20
10335	Carbon Tetrachloride	56-23-5	< 20	20	20
10335 C	chlorobenzene	108-90-7	< 20	20	20
10335 C	chloroethane	75-00-3	< 20	20	20
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 200	200	20
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335 C	chloroform	67-66-3	< 20	20	20
10335 C	chloromethane	74-87-3	< 20	20	20
10335 D	ibromochloromethane	124-48-1	< 20	20	20
10335 1,2	-Dichlorobenzene	95-50-1	< 100	100	20
10335 1,3	-Dichlorobenzene	541-73-1	< 100	100	20
10335 1,4	-Dichlorobenzene	106-46-7	< 100	100	20
10335 1,1	-Dichloroethane	75-34-3	< 20	20	20
10335 1,2	-Dichloroethane	107-06-2	< 100	100	20
10335 1,1	-Dichloroethene	75-35-4	< 20	20	20
10335	cis-1,2-Dichloroethene	156-59-2	60	20	20
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 20	20	20
10335 1,2	-Dichloropropane	78-87-5	< 20	20	20
10335 cis	-1,3-Dichloropropene	10061-01-5	< 20	20	20
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 20	20	20
10335	Ethyl t-butyl ether	637-92-3	< 20	20	20
10335 E	thylbenzene	100-41-4	< 20	20	20
10335	di-Isopropyl ether	108-20-3	170	20	20
10335 Iso	propylbenzene	98-82-8	< 100	100	20
10335 p-I	sopropyltoluene	99-87-6	< 100	100	20
10335	Methyl Tertiary Butyl Ether	1634-04-4	6,500	200	200
10335	Methylene Chloride	75-09-2	< 20	20	20
10335 N	aphthalene	91-20-3	< 200	200	20
10335 n-P	ropylbenzene	103-65-1	< 100	100	20
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 20	20	20
10335 T	etrachloroethene	127-18-4	< 20	20	20
10335 T	oluene	108-88-3	< 20	20	20
10335 1,1	,1-Trichloroethane	71-55-6	< 20	20	20
10335 1,1	,2-Trichloroethane	79-00-5	< 20	20	20
10335 T	richloroethene	79-01-6	< 20	20	20
10335 T	richlorofluoromethane	75-69-4	< 20	20	20
10335 1,2	,4-Trimethylbenzene	95-63-6	< 100	100	20
10335 1,3	,5-Trimethylbenzene	108-67-8	< 100	100	20

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Sample Description: MW-17D (81) Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792163
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 09:15

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 20	20	20
10335	Xylene (Total)	1330-20-7	< 100	100	20

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	E182564AA	09/14/2018 03:34	Kevin D Kelly	20
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	E182564AA	09/14/2018 03:54	Kevin D Kelly	200
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E182564AA	09/14/2018 03:34	Kevin D Kelly	20
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E182564AA	09/14/2018 03:54	Kevin D Kelly	200

Sample Description: MW-17D (87.75) Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792164
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 10:20

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles					
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	enzeno	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	2	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	64	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloroproppane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	16	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	12	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	2	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1

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Sample Description: MW-17D (87.75) Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792164
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 10:20

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	E182564AA	09/13/2018 23:11	Kevin D Kelly	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E182564AA	09/13/2018 23:11	Kevin D Kelly	1

Sample Description: MW-17D (92) Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792165
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 11:20

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles					
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	enzenne	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	2	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	47	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloroproppane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	7	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	10	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	2	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1

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Sample Description: MW-17D (92) Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792165
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140**Submittal Date/Time:** 09/07/2018 16:55
Collection Date/Time: 09/05/2018 11:20

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	E182564AA	09/13/2018 23:31	Kevin D Kelly	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E182564AA	09/13/2018 23:31	Kevin D Kelly	1

Sample Description: MW-17D (117) Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792166
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 12:25

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B		ug/l	
10335	Acetone 67-	64-1	< 40	40	2
10335	Acrolein 107	-02-8	< 200	200	2
10335	Acrylonitrile 107	-13-1	< 40	40	2
10335	t-Amyl methyl ether	994-05-8	16	2	2
10335 B	benzene	71-43-2	< 2	2	2
10335 B	romodichloromethane	75-27-4	< 2	2	2
10335 B	romoform	75-25-2	< 10	10	2
10335 B	romomethane	74-83-9	< 2	2	2
10335 2-B	utanone	78-93-3	< 20	20	2
10335	t-Butyl alcohol	75-65-0	120	50	2
10335 n-B	utylbenzene	104-51-8	< 10	10	2
10335 sec	-Butylbenzene	135-98-8	< 10	10	2
10335	Carbon Tetrachloride	56-23-5	< 2	2	2
10335 C	chlorobenzene	108-90-7	< 2	2	2
10335 C	chloroethane	75-00-3	< 2	2	2
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 20	20	2
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335 C	chloroform	67-66-3	< 2	2	2
10335 C	chloromethane	74-87-3	< 2	2	2
10335 D	ibromochloromethane	124-48-1	< 2	2	2
10335 1,2	-Dichlorobenzene	95-50-1	< 10	10	2
10335 1,3	-Dichlorobenzene	541-73-1	< 10	10	2
10335 1,4	-Dichlorobenzene	106-46-7	< 10	10	2
10335 1,1	-Dichloroethane	75-34-3	< 2	2	2
10335 1,2	-Dichloroethane	107-06-2	< 10	10	2
10335 1,1	-Dichloroethene	75-35-4	< 2	2	2
10335	cis-1,2-Dichloroethene	156-59-2	86	2	2
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 2	2	2
10335 1,2	-Dichloropropane	78-87-5	< 2	2	2
10335 cis	-1,3-Dichloropropene	10061-01-5	< 2	2	2
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 2	2	2
10335	Ethyl t-butyl ether	637-92-3	< 2	2	2
10335 E	thylbenzene	100-41-4	< 2	2	2
10335	di-Isopropyl ether	108-20-3	34	2	2
10335 Iso	propylbenzene	98-82-8	< 10	10	2
10335 p-l	sopropyltoluene	99-87-6	< 10	10	2
10335	Methyl Tertiary Butyl Ether	1634-04-4	810	20	20
10335	Methylene Chloride	75-09-2	< 2	2	2
10335 N	aphthalene	91-20-3	< 20	20	2
10335 n-P	ropylbenzene	103-65-1	< 10	10	2
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 2	2	2
10335	Tetrachloroethene	127-18-4	3	2	2
10335 T	oluene	108-88-3	< 2	2	2
10335 1,1	,1-Trichloroethane	71-55-6	< 2	2	2
10335 1,1	,2-Trichloroethane	79-00-5	< 2	2	2
10335 T	richloroethene	79-01-6	< 2	2	2
10335 T	richlorofluoromethane	75-69-4	< 2	2	2
10335 1,2	,4-Trimethylbenzene	95-63-6	< 10	10	2
10335 1,3	,5-Trimethylbenzene	108-67-8	< 10	10	2

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Sample Description: MW-17D (117) Grab Water
Fairfax 26140 **Kleinfelder**
ELLE Sample #: WW 9792166
ELLE Group #: 1984786
Project Name: Fairfax 26140 **Matrix:** Water
Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 12:25

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 2	2	2
10335	Xylene (Total)	1330-20-7	< 10	10	2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	E182564AA	09/14/2018 02:13	Kevin D Kelly	2
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	E182564AA	09/14/2018 02:34	Kevin D Kelly	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E182564AA	09/14/2018 02:13	Kevin D Kelly	2
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E182564AA	09/14/2018 02:34	Kevin D Kelly	20

Sample Description: MW-17D (129.75) Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792167
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 13:20

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B		ug/l	
10335	Acetone 67-	64-1	< 40	40	2
10335	Acrolein 107	-02-8	< 200	200	2
10335	Acrylonitrile 107	-13-1	< 40	40	2
10335	t-Amyl methyl ether	994-05-8	30	2	2
10335 B	benzene	71-43-2	< 2	2	2
10335 B	romodichloromethane	75-27-4	< 2	2	2
10335 B	romoform	75-25-2	< 10	10	2
10335 B	romomethane	74-83-9	< 2	2	2
10335 2-B	utanone	78-93-3	< 20	20	2
10335	t-Butyl alcohol	75-65-0	500	50	2
10335 n-B	utylbenzene	104-51-8	< 10	10	2
10335 sec	-Butylbenzene	135-98-8	< 10	10	2
10335	Carbon Tetrachloride	56-23-5	< 2	2	2
10335 C	chlorobenzene	108-90-7	< 2	2	2
10335 C	chloroethane	75-00-3	< 2	2	2
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 20	20	2
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335 C	chloroform	67-66-3	< 2	2	2
10335 C	chloromethane	74-87-3	< 2	2	2
10335 D	ibromochloromethane	124-48-1	< 2	2	2
10335 1,2	-Dichlorobenzene	95-50-1	< 10	10	2
10335 1,3	-Dichlorobenzene	541-73-1	< 10	10	2
10335 1,4	-Dichlorobenzene	106-46-7	< 10	10	2
10335 1,1	-Dichloroethane	75-34-3	< 2	2	2
10335 1,2	-Dichloroethane	107-06-2	< 10	10	2
10335 1,1	-Dichloroethene	75-35-4	< 2	2	2
10335	cis-1,2-Dichloroethene	156-59-2	30	2	2
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 2	2	2
10335 1,2	-Dichloropropane	78-87-5	< 2	2	2
10335 cis	-1,3-Dichloropropene	10061-01-5	< 2	2	2
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 2	2	2
10335	Ethyl t-butyl ether	637-92-3	< 2	2	2
10335 E	thylbenzene	100-41-4	< 2	2	2
10335	di-Isopropyl ether	108-20-3	37	2	2
10335 Iso	propylbenzene	98-82-8	< 10	10	2
10335 p-l	sopropyltoluene	99-87-6	< 10	10	2
10335	Methyl Tertiary Butyl Ether	1634-04-4	1,600	10	10
10335	Methylene Chloride	75-09-2	< 2	2	2
10335 N	aphthalene	91-20-3	< 20	20	2
10335 n-P	ropylbenzene	103-65-1	< 10	10	2
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 2	2	2
10335 T	etrachloroethene	127-18-4	< 2	2	2
10335 T	oluene	108-88-3	< 2	2	2
10335 1,1	,1-Trichloroethane	71-55-6	< 2	2	2
10335 1,1	,2-Trichloroethane	79-00-5	< 2	2	2
10335 T	richloroethene	79-01-6	< 2	2	2
10335 T	richlorofluoromethane	75-69-4	< 2	2	2
10335 1,2	,4-Trimethylbenzene	95-63-6	< 10	10	2
10335 1,3	,5-Trimethylbenzene	108-67-8	< 10	10	2

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Sample Description: MW-17D (129.75) Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792167
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 13:20

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 2	2	2
10335	Xylene (Total)	1330-20-7	< 10	10	2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	E182564AA	09/14/2018 02:54	Kevin D Kelly	10
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	E182574AA	09/15/2018 00:56	Kevin D Kelly	2
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E182564AA	09/14/2018 02:54	Kevin D Kelly	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E182574AA	09/15/2018 00:56	Kevin D Kelly	2

Sample Description: MW-17D (147) Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792168
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 14:20

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B		ug/l	
10335	Acetone 67-	64-1	< 100	100	5
10335	Acrolein 107	-02-8	< 500	500	5
10335	Acrylonitrile 107	-13-1	< 100	100	5
10335	t-Amyl methyl ether	994-05-8	95	5	5
10335 B	benzene	71-43-2	< 5	5	5
10335 B	romodichloromethane	75-27-4	< 5	5	5
10335 B	romoform	75-25-2	< 25	25	5
10335 B	romomethane	74-83-9	< 5	5	5
10335 2-B	utanone	78-93-3	< 50	50	5
10335	t-Butyl alcohol	75-65-0	650	130	5
10335 n-B	utylbenzene	104-51-8	< 25	25	5
10335 sec	-Butylbenzene	135-98-8	< 25	25	5
10335	Carbon Tetrachloride	56-23-5	< 5	5	5
10335 C	chlorobenzene	108-90-7	< 5	5	5
10335 C	chloroethane	75-00-3	< 5	5	5
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 50	50	5
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335 C	chloroform	67-66-3	< 5	5	5
10335 C	chloromethane	74-87-3	< 5	5	5
10335 D	ibromochloromethane	124-48-1	< 5	5	5
10335 1,2	-Dichlorobenzene	95-50-1	< 25	25	5
10335 1,3	-Dichlorobenzene	541-73-1	< 25	25	5
10335 1,4	-Dichlorobenzene	106-46-7	< 25	25	5
10335 1,1	-Dichloroethane	75-34-3	< 5	5	5
10335 1,2	-Dichloroethane	107-06-2	< 25	25	5
10335 1,1	-Dichloroethene	75-35-4	< 5	5	5
10335	cis-1,2-Dichloroethene	156-59-2	48	5	5
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 5	5	5
10335 1,2	-Dichloropropane	78-87-5	< 5	5	5
10335 cis	-1,3-Dichloropropene	10061-01-5	< 5	5	5
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 5	5	5
10335	Ethyl t-butyl ether	637-92-3	< 5	5	5
10335 E	thylbenzene	100-41-4	< 5	5	5
10335	di-Isopropyl ether	108-20-3	170	5	5
10335 Iso	propylbenzene	98-82-8	< 25	25	5
10335 p-I	sopropyltoluene	99-87-6	< 25	25	5
10335	Methyl Tertiary Butyl Ether	1634-04-4	4,400	25	25
10335	Methylene Chloride	75-09-2	< 5	5	5
10335 N	aphthalene	91-20-3	< 50	50	5
10335 n-P	ropylbenzene	103-65-1	< 25	25	5
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 5	5	5
10335 T	etrachloroethene	127-18-4	< 5	5	5
10335 T	oluene	108-88-3	< 5	5	5
10335 1,1	,1-Trichloroethane	71-55-6	< 5	5	5
10335 1,1	,2-Trichloroethane	79-00-5	< 5	5	5
10335 T	richloroethene	79-01-6	< 5	5	5
10335 T	richlorofluoromethane	75-69-4	< 5	5	5
10335 1,2	,4-Trimethylbenzene	95-63-6	< 25	25	5
10335 1,3	,5-Trimethylbenzene	108-67-8	< 25	25	5

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Sample Description: MW-17D (147) Grab Water
Fairfax 26140 **Kleinfelder**
ELLE Sample #: WW 9792168
ELLE Group #: 1984786
Project Name: Fairfax 26140 **Matrix:** Water
Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 14:20

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 5	5	5
10335	Xylene (Total)	1330-20-7	< 25	25	5

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	E182564AA	09/14/2018 04:55	Kevin D Kelly	25
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	E182574AA	09/15/2018 01:16	Kevin D Kelly	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E182564AA	09/14/2018 04:55	Kevin D Kelly	25
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E182574AA	09/15/2018 01:16	Kevin D Kelly	5

Sample Description: MW-10 Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792169
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 09:05

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		ug/l	ug/l	
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	enzeno	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335 C	chloroform	67-66-3	< 1	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	5	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloropropane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335 T	etrachloroethene	127-18-4	< 1	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335 T	richloroethene	79-01-6	< 1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1

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Sample Description: MW-10 Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792169
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 09:05

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	4182571AA	09/14/2018 11:31	Corie Mellinger	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	4182571AA	09/14/2018 11:31	Corie Mellinger	1

Sample Description: MW-24 Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792170
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 09:45

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles					
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	enzeno	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335 C	chloroform	67-66-3	< 1	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	64	1	1
10335	trans-1,2-Dichloroethene	156-60-5	1	1	1
10335 1,2	-Dichloropropane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	2	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	11	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	2	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1

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Sample Description: MW-24 Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792170
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 09:45

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	4182571AA	09/14/2018 11:54	Corie Mellinger	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	4182571AA	09/14/2018 11:54	Corie Mellinger	1

Sample Description: MW-11 Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792171
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 10:50

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	benzene	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335 C	chloroform	67-66-3	< 1	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335 cis	-1,2-Dichloroethene	156-59-2	< 1	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloropropane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	1	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335 T	etrachloroethene	127-18-4	< 1	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335 T	richloroethene	79-01-6	< 1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1

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Sample Description: MW-11 Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792171
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 10:50

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	4182571AA	09/14/2018 12:17	Corie Mellinger	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	4182571AA	09/14/2018 12:17	Corie Mellinger	1

Sample Description: MW-2 Grab Water
Fairfax **26140**

Kleinfelder
ELLE Sample #: WW 9792172
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax **26140**

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 12:00

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		ug/l	ug/l	
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	benzene	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335 C	chloroform	67-66-3	< 1	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335 cis	-1,2-Dichloroethene	156-59-2	< 1	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloropropane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335 T	etrachloroethene	127-18-4	< 1	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335 T	richloroethene	79-01-6	< 1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1

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Sample Description: MW-2 Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792172
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 12:00

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles 10335	SW-846 8260B Xylene (Total)	1330-20-7	ug/l < 5	ug/l 5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	4182571AA	09/14/2018 12:39	Corie Mellinger	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	4182571AA	09/14/2018 12:39	Corie Mellinger	1

Sample Description: MW-15 Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792173
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 14:15

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		ug/l	ug/l	
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	benzene	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335 C	chloroform	67-66-3	< 1	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335 cis	-1,2-Dichloroethene	156-59-2	< 1	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloropropane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335 T	etrachloroethene	127-18-4	< 1	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335 T	richloroethene	79-01-6	< 1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1

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Sample Description: MW-15 Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792173
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 14:15

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles 10335	SW-846 8260B Xylene (Total)	1330-20-7	ug/l < 5	ug/l 5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	E182564AA	09/13/2018 23:51	Kevin D Kelly	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E182564AA	09/13/2018 23:51	Kevin D Kelly	1

Sample Description: MW-16D (95) Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792174
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 11:05

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		ug/l	ug/l	
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	enzeno	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	2	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	86	1	1
10335	trans-1,2-Dichloroethene	156-60-5	1	1	1
10335 1,2	-Dichloropropane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	13	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	2	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1

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Sample Description: MW-16D (95) Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792174
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140**Submittal Date/Time:** 09/07/2018 16:55
Collection Date/Time: 09/06/2018 11:05

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	E182564AA	09/14/2018 00:12	Kevin D Kelly	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E182564AA	09/14/2018 00:12	Kevin D Kelly	1

Sample Description: SVE-2 Grab Water
Fairfax **26140**

Kleinfelder
ELLE Sample #: WW 9792175
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax **26140**

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 11:45

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		ug/l	ug/l	
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	benzene	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335 C	chloroform	67-66-3	< 1	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335 cis	-1,2-Dichloroethene	156-59-2	< 1	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloropropane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335 T	etrachloroethene	127-18-4	< 1	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335 T	richloroethene	79-01-6	< 1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1

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Sample Description: SVE-2 Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792175
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 11:45

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles 10335	SW-846 8260B Xylene (Total)	1330-20-7	ug/l < 5	ug/l 5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	4182571AA	09/14/2018 13:02	Corie Mellinger	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	4182571AA	09/14/2018 13:02	Corie Mellinger	1

Sample Description: PW-1 (65) Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792176
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 13:00

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	benzene	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335 C	chloroform	67-66-3	< 1	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	13	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloropropane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-l	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	12	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	5	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335 T	richloroethene	79-01-6	< 1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1

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Sample Description: PW-1 (65) Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792176
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 13:00

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	4182571AA	09/14/2018 13:25	Corie Mellinger	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	4182571AA	09/14/2018 13:25	Corie Mellinger	1

Sample Description: RW-1 Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792177
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 14:00

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	10	1	1
10335 B	benzene	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	100	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	1	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	32	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloropropane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	33	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	760	10	10
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	12	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1

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Sample Description: RW-1 Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792177
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 14:00

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	1,3 ,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	4182571AA	09/14/2018 13:47	Corie Mellinger	1
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	4182601AA	09/17/2018 16:42	Abigail Roselli	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	4182571AA	09/14/2018 13:47	Corie Mellinger	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	4182601AA	09/17/2018 16:42	Abigail Roselli	10

Sample Description: MW-5R Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792178
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 09:30

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		ug/l	ug/l	
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	enzeno	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	hlorobenzene	108-90-7	< 1	1	1
10335 C	hloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	13	1	1
10335 C	hloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335 cis	-1,2-Dichloroethene	156-59-2	< 1	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloroproppane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335 T	etrachloroethene	127-18-4	< 1	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335 T	richloroethene	79-01-6	< 1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1

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Sample Description: MW-5R Grab Water
Fairfax 26140 **Kleinfelder**
ELLE Sample #: WW 9792178
ELLE Group #: 1984786
Project Name: Fairfax 26140 **Matrix:** Water

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 09:30

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	4182571AA	09/14/2018 14:10	Corie Mellinger	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	4182571AA	09/14/2018 14:10	Corie Mellinger	1

Sample Description: MW-7 Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792179
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 10:20

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		ug/l	ug/l	
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	benzene	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335 C	chloroform	67-66-3	< 1	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335 cis	-1,2-Dichloroethene	156-59-2	< 1	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloropropane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335 T	etrachloroethene	127-18-4	< 1	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335 T	richloroethene	79-01-6	< 1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1

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Sample Description: MW-7 Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792179
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 10:20

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles 10335	SW-846 8260B Xylene (Total)	1330-20-7	ug/l < 5	ug/l 5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	E182564AA	09/14/2018 00:32	Kevin D Kelly	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E182564AA	09/14/2018 00:32	Kevin D Kelly	1

Sample Description: MW-19D Grab Water
Fairfax **26140**

Kleinfelder
ELLE Sample #: WW 9792180
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax **26140**

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 07:58

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	benzene	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335 C	chloroform	67-66-3	< 1	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	4	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloropropane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	2	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335 T	richloroethene	79-01-6	< 1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1

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Sample Description: MW-19D Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792180
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 07:58

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	4182571AA	09/14/2018 14:33	Corie Mellinger	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	4182571AA	09/14/2018 14:33	Corie Mellinger	1

Sample Description: MW-12D (110) Grab Water
Fairfax **26140**

Kleinfelder
ELLE Sample #: WW 9792181
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax **26140**

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 09:55

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		ug/l	ug/l	
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	benzene	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335 C	chloroform	67-66-3	< 1	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335 cis	-1,2-Dichloroethene	156-59-2	< 1	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloropropane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335 T	etrachloroethene	127-18-4	< 1	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335 T	richloroethene	79-01-6	< 1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1

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Sample Description: MW-12D (110) Grab Water
Fairfax 26140 **Kleinfelder**
Project Name: Fairfax 26140 **ELLE Sample #:** WW 9792181
Submittal Date/Time: 09/07/2018 16:55 **ELLE Group #:** 1984786
Collection Date/Time: 09/06/2018 09:55 **Matrix:** Water

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles 10335	SW-846 8260B Xylene (Total)	1330-20-7	ug/l < 5	ug/l 5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	4182571AA	09/14/2018 14:55	Corie Mellinger	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	4182571AA	09/14/2018 14:55	Corie Mellinger	1

Sample Description: MW-26D (78) Grab Water
Fairfax **26140**

Kleinfelder
ELLE Sample #: WW 9792182
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax **26140**

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 08:20

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		ug/l	ug/l	
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	benzene	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335 C	chloroform	67-66-3	< 1	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335 cis	-1,2-Dichloroethene	156-59-2	< 1	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloropropane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335 T	etrachloroethene	127-18-4	< 1	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335 T	richloroethene	79-01-6	< 1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1

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Sample Description: MW-26D (78) Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792182
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 08:20

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles 10335	SW-846 8260B Xylene (Total)	1330-20-7	ug/l < 5	ug/l 5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	E182564AA	09/14/2018 00:52	Kevin D Kelly	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E182564AA	09/14/2018 00:52	Kevin D Kelly	1

Sample Description: MW-25D (90) Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792183
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 08:51

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		ug/l	ug/l	
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	enzeno	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	1	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335 cis	-1,2-Dichloroethene	156-59-2	< 1	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloropropane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335 T	etrachloroethene	127-18-4	< 1	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335 T	richloroethene	79-01-6	< 1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1

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Sample Description: MW-25D (90) Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792183
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140**Submittal Date/Time:** 09/07/2018 16:55
Collection Date/Time: 09/06/2018 08:51

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	4182571AA	09/14/2018 15:18	Corie Mellinger	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	4182571AA	09/14/2018 15:18	Corie Mellinger	1

Sample Description: MW-6S Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792184
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 11:25

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	benzene	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	1	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335 cis	-1,2-Dichloroethene	156-59-2	< 1	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloropropane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	2	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335 T	richloroethene	79-01-6	< 1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1

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Sample Description: MW-6S Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792184
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 11:25

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	E182564AA	09/14/2018 01:13	Kevin D Kelly	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E182564AA	09/14/2018 01:13	Kevin D Kelly	1

Sample Description: MW-6D (85) Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792185
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 12:10

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	enzeno	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335 C	chloroform	67-66-3	< 1	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	12	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloropropane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	16	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335 T	richloroethene	79-01-6	< 1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1

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Sample Description: MW-6D (85) Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792185
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140**Submittal Date/Time:** 09/07/2018 16:55
Collection Date/Time: 09/05/2018 12:10

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	E182564AA	09/14/2018 01:33	Kevin D Kelly	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E182564AA	09/14/2018 01:33	Kevin D Kelly	1

Sample Description: MW-23D Grab Water
Fairfax **26140**

Kleinfelder
ELLE Sample #: WW 9792186
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax **26140**

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 08:15

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles					
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	enzeno	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	1	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	6	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloroproppane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	4	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	25	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335 T	richloroethene	79-01-6	< 1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1

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Sample Description: MW-23D Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792186
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 08:15

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	4182571AA	09/14/2018 15:41	Corie Mellinger	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	4182571AA	09/14/2018 15:41	Corie Mellinger	1

Sample Description: MW-18D Grab Water
Fairfax **26140**

Kleinfelder
ELLE Sample #: WW 9792187
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax **26140**

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 13:15

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	SW-846 8260B		ug/l	ug/l	
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	benzene	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335 C	chloroform	67-66-3	< 1	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335 cis	-1,2-Dichloroethene	156-59-2	< 1	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloropropane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335 T	etrachloroethene	127-18-4	< 1	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335 T	richloroethene	79-01-6	< 1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1

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Sample Description: MW-18D Grab Water
Fairfax 26140**Kleinfelder**
ELLE Sample #: WW 9792187
ELLE Group #: 1984786
Matrix: Water**Project Name:** Fairfax 26140Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/05/2018 13:15

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles 10335	SW-846 8260B Xylene (Total)	1330-20-7	ug/l < 5	ug/l 5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	E182564AA	09/14/2018 01:53	Kevin D Kelly	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E182564AA	09/14/2018 01:53	Kevin D Kelly	1

Sample Description: MW-1R Grab Water
Fairfax 26140

Kleinfelder
ELLE Sample #: WW 9792188
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 12:45

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone 67-	64-1	< 20	20	1
10335	Acrolein 107	-02-8	< 100	100	1
10335	Acrylonitrile 107	-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335 B	benzene	71-43-2	< 1	1	1
10335 B	romodichloromethane	75-27-4	< 1	1	1
10335 B	romoform	75-25-2	< 5	5	1
10335 B	romomethane	74-83-9	< 1	1	1
10335 2-B	utanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 25	25	1
10335 n-B	utylbenzene	104-51-8	< 5	5	1
10335 sec	-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335 C	chloroform	67-66-3	< 1	1	1
10335 C	chloromethane	74-87-3	< 1	1	1
10335 D	ibromochloromethane	124-48-1	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,3	-Dichlorobenzene	541-73-1	< 5	5	1
10335 1,4	-Dichlorobenzene	106-46-7	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 5	5	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335 cis	-1,2-Dichloroethene	156-59-2	< 1	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 1,2	-Dichloropropane	78-87-5	< 1	1	1
10335 cis	-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335 tra	ns-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335 E	thylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	4	1	1
10335 Iso	propylbenzene	98-82-8	< 5	5	1
10335 p-I	sopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	25	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 N	aphthalene	91-20-3	< 10	10	1
10335 n-P	ropylbenzene	103-65-1	< 5	5	1
10335 1,1	,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	2	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335 T	richloroethene	79-01-6	< 1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335 1,2	,4-Trimethylbenzene	95-63-6	< 5	5	1
10335 1,3	,5-Trimethylbenzene	108-67-8	< 5	5	1

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Sample Description: MW-1R Grab Water
Fairfax 26140 **Kleinfelder**
ELLE Sample #: WW 9792188
ELLE Group #: 1984786
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 09/07/2018 16:55
Collection Date/Time: 09/06/2018 12:45

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 5	5	1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Kleinfelder Full	SW-846 8260B	1	4182581AA	09/15/2018 10:34	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	4182581AA	09/15/2018 10:34	Linda C Pape	1

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/18/2018 23:39

Group Number: 1984786

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result ug/l	LOQ ug/l
Batch number: 4182571AA		
Acetone	< 20	20
Acrolein	< 100	100
Acrylonitrile	< 20	20
t-Amyl methyl ether	< 1	1
Benzene	< 1	1
Bromodichloromethane	< 1	1
Bromoform	< 5	5
Bromomethane	< 1	1
2-Butanone	< 10	10
t-Butyl alcohol	< 25	25
n-Butylbenzene	< 5	5
sec-Butylbenzene	< 5	5
Carbon Tetrachloride	< 1	1
Chlorobenzene	< 1	1
Chloroethane	< 1	1
2-Chloroethyl Vinyl Ether	< 10	10
Chloroform	< 1	1
Chloromethane	< 1	1
Dibromochloromethane	< 1	1
1,2-Dichlorobenzene	< 5	5
1,3-Dichlorobenzene	< 5	5
1,4-Dichlorobenzene	< 5	5
1,1-Dichloroethane	< 1	1
1,2-Dichloroethane	< 5	5
1,1-Dichloroethene	< 1	1
cis-1,2-Dichloroethene	< 1	1
trans-1,2-Dichloroethene	< 1	1
1,2-Dichloropropane	< 1	1
cis-1,3-Dichloropropene	< 1	1
trans-1,3-Dichloropropene	< 1	1
Ethyl t-butyl ether	< 1	1
Ethylbenzene	< 1	1
di-Isopropyl ether	< 1	1
Isopropylbenzene	< 5	5
p-Isopropyltoluene	< 5	5
Methyl Tertiary Butyl Ether	< 1	1
Methylene Chloride	< 1	1
Naphthalene	< 10	10
n-Propylbenzene	< 5	5

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control SummaryClient Name: Kleinfelder
Reported: 09/18/2018 23:39

Group Number: 1984786

Method Blank (continued)

Analysis Name	Result ug/l	LOQ ug/l
1,1,2,2-Tetrachloroethane	< 1	1
Tetrachloroethene	< 1	1
Toluene	< 1	1
1,1,1-Trichloroethane	< 1	1
1,1,2-Trichloroethane	< 1	1
Trichloroethene	< 1	1
Trichlorofluoromethane	< 1	1
1,2,4-Trimethylbenzene	< 5	5
1,3,5-Trimethylbenzene	< 5	5
Vinyl Chloride	< 1	1
Xylene (Total)	< 5	5
Batch number: 4182581AA	Sample number(s): 9792188	
Acetone	< 20	20
Acrolein	< 100	100
Acrylonitrile	< 20	20
t-Amyl methyl ether	< 1	1
Benzene	< 1	1
Bromodichloromethane	< 1	1
Bromoform	< 5	5
Bromomethane	< 1	1
2-Butanone	< 10	10
t-Butyl alcohol	< 25	25
n-Butylbenzene	< 5	5
sec-Butylbenzene	< 5	5
Carbon Tetrachloride	< 1	1
Chlorobenzene	< 1	1
Chloroethane	< 1	1
2-Chloroethyl Vinyl Ether	< 10	10
Chloroform	< 1	1
Chloromethane	< 1	1
Dibromochloromethane	< 1	1
1,2-Dichlorobenzene	< 5	5
1,3-Dichlorobenzene	< 5	5
1,4-Dichlorobenzene	< 5	5
1,1-Dichloroethane	< 1	1
1,2-Dichloroethane	< 5	5
1,1-Dichloroethene	< 1	1
cis-1,2-Dichloroethene	< 1	1
trans-1,2-Dichloroethene	< 1	1
1,2-Dichloropropane	< 1	1
cis-1,3-Dichloropropene	< 1	1
trans-1,3-Dichloropropene	< 1	1
Ethyl t-butyl ether	< 1	1
Ethylbenzene	< 1	1

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/18/2018 23:39

Group Number: 1984786

Method Blank (continued)

Analysis Name	Result ug/l	LOQ ug/l
di-Isopropyl ether	< 1	1
Isopropylbenzene	< 5	5
p-Isopropyltoluene	< 5	5
Methyl Tertiary Butyl Ether	< 1	1
Methylene Chloride	< 1	1
Naphthalene	< 10	10
n-Propylbenzene	< 5	5
1,1,2,2-Tetrachloroethane	< 1	1
Tetrachloroethene	< 1	1
Toluene	< 1	1
1,1,1-Trichloroethane	< 1	1
1,1,2-Trichloroethane	< 1	1
Trichloroethene	< 1	1
Trichlorofluoromethane	< 1	1
1,2,4-Trimethylbenzene	< 5	5
1,3,5-Trimethylbenzene	< 5	5
Vinyl Chloride	< 1	1
Xylene (Total)	< 5	5
Batch number: 4182601AA	Sample number(s): 9792177	
Methyl Tertiary Butyl Ether	< 1	1
Batch number: E182564AA	Sample number(s): 9792162-9792168,9792173-9792174,9792179,9792182,9792184-9792185,9792187	
Acetone	< 20	20
Acrolein	< 100	100
Acrylonitrile	< 20	20
t-Amyl methyl ether	< 1	1
Benzene	< 1	1
Bromodichloromethane	< 1	1
Bromoform	< 5	5
Bromomethane	< 1	1
2-Butanone	< 10	10
t-Butyl alcohol	< 25	25
n-Butylbenzene	< 5	5
sec-Butylbenzene	< 5	5
Carbon Tetrachloride	< 1	1
Chlorobenzene	< 1	1
Chloroethane	< 1	1
2-Chloroethyl Vinyl Ether	< 10	10
Chloroform	< 1	1
Chloromethane	< 1	1
Dibromochloromethane	< 1	1
1,2-Dichlorobenzene	< 5	5
1,3-Dichlorobenzene	< 5	5
1,4-Dichlorobenzene	< 5	5
1,1-Dichloroethane	< 1	1

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/18/2018 23:39

Group Number: 1984786

Method Blank (continued)

Analysis Name	Result ug/l	LOQ ug/l
1,2-Dichloroethane	< 5	5
1,1-Dichloroethene	< 1	1
cis-1,2-Dichloroethene	< 1	1
trans-1,2-Dichloroethene	< 1	1
1,2-Dichloropropane	< 1	1
cis-1,3-Dichloropropene	< 1	1
trans-1,3-Dichloropropene	< 1	1
Ethyl t-butyl ether	< 1	1
Ethylbenzene	< 1	1
di-Isopropyl ether	< 1	1
Isopropylbenzene	< 5	5
p-Isopropyltoluene	< 5	5
Methyl Tertiary Butyl Ether	< 1	1
Methylene Chloride	< 1	1
Naphthalene	< 10	10
n-Propylbenzene	< 5	5
1,1,2,2-Tetrachloroethane	< 1	1
Tetrachloroethene	< 1	1
Toluene	< 1	1
1,1,1-Trichloroethane	< 1	1
1,1,2-Trichloroethane	< 1	1
Trichloroethene	< 1	1
Trichlorofluoromethane	< 1	1
1,2,4-Trimethylbenzene	< 5	5
1,3,5-Trimethylbenzene	< 5	5
Vinyl Chloride	< 1	1
Xylene (Total)	< 5	5
Batch number: E182574AA	Sample number(s): 9792167-9792168	
Acetone	< 20	20
Acrolein	< 100	100
Acrylonitrile	< 20	20
t-Amyl methyl ether	< 1	1
Benzene	< 1	1
Bromodichloromethane	< 1	1
Bromoform	< 5	5
Bromomethane	< 1	1
2-Butanone	< 10	10
t-Butyl alcohol	< 25	25
n-Butylbenzene	< 5	5
sec-Butylbenzene	< 5	5
Carbon Tetrachloride	< 1	1
Chlorobenzene	< 1	1
Chloroethane	< 1	1
2-Chloroethyl Vinyl Ether	< 10	10

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/18/2018 23:39

Group Number: 1984786

Method Blank (continued)

Analysis Name	Result ug/l	LOQ ug/l
Chloroform	< 1	1
Chloromethane	< 1	1
Dibromochloromethane	< 1	1
1,2-Dichlorobenzene	< 5	5
1,3-Dichlorobenzene	< 5	5
1,4-Dichlorobenzene	< 5	5
1,1-Dichloroethane	< 1	1
1,2-Dichloroethane	< 5	5
1,1-Dichloroethene	< 1	1
cis-1,2-Dichloroethene	< 1	1
trans-1,2-Dichloroethene	< 1	1
1,2-Dichloropropane	< 1	1
cis-1,3-Dichloropropene	< 1	1
trans-1,3-Dichloropropene	< 1	1
Ethyl t-butyl ether	< 1	1
Ethylbenzene	< 1	1
di-Isopropyl ether	< 1	1
Isopropylbenzene	< 5	5
p-Isopropyltoluene	< 5	5
Methylene Chloride	< 1	1
Naphthalene	< 10	10
n-Propylbenzene	< 5	5
1,1,2,2-Tetrachloroethane	< 1	1
Tetrachloroethene	< 1	1
Toluene	< 1	1
1,1,1-Trichloroethane	< 1	1
1,1,2-Trichloroethane	< 1	1
Trichloroethene	< 1	1
Trichlorofluoromethane	< 1	1
1,2,4-Trimethylbenzene	< 5	5
1,3,5-Trimethylbenzene	< 5	5
Vinyl Chloride	< 1	1
Xylene (Total)	< 5	5

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 4182571AA	Sample number(s): 9792169-9792172,9792175-9792178,9792180-9792181,9792183,9792186								
Acetone	150	159.34	150	153.92	106	103	54-157	3	30
Acrolein	150	139.8	150	140.77	93	94	47-136	1	30

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/18/2018 23:39

Group Number: 1984786

LCS/LCSD (continued)

Analysis Name	LCS Spike Added ug/l ug/l	LCS Conc	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Acrylonitrile	100	101.03	100	92.54	101	93	60-129	9	30
t-Amyl methyl ether	20	17.02	20	16.77	85	84	66-120	1	30
Benzene	20	20.11	20	19.44	101	97	80-120	3	30
Bromodichloromethane	20	18	20	17.55	90	88	71-120	3	30
Bromoform	20	15.52	20	15.25	78	76	51-120	2	30
Bromomethane	20	15.42	20	14.82	77	74	53-128	4	30
2-Butanone	150	152.09	150	143.27	101	96	59-135	6	30
t-Butyl alcohol	200	171.75	200	142.83	86	71	60-130	18	30
n-Butylbenzene	20	16.98	20	16.95	85	85	76-120	0	30
sec-Butylbenzene	20	17.12	20	17.03	86	85	77-120	1	30
Carbon Tetrachloride	20	19.66	20	19.07	98	95	64-134	3	30
Chlorobenzene	20	18.75	20	18.22	94	91	80-120	3	30
Chloroethane	20	16.68	20	16.43	83	82	55-123	1	30
2-Chloroethyl Vinyl Ether	20	17.84	20	17.44	89	87	49-124	2	30
Chloroform	20	20.23	20	19.49	101	97	80-120	4	30
Chloromethane	20	17.96	20	17.17	90	86	56-121	5	30
Dibromochloromethane	20	17.32	20	16.78	87	84	71-120	3	30
1,2-Dichlorobenzene	20	17.37	20	17.46	87	87	80-120	0	30
1,3-Dichlorobenzene	20	17.05	20	17.24	85	86	80-120	1	30
1,4-Dichlorobenzene	20	17.64	20	17.71	88	89	80-120	0	30
1,1-Dichloroethane	20	20.71	20	20.18	104	101	80-120	3	30
1,2-Dichloroethane	20	20.93	20	20.2	105	101	73-124	4	30
1,1-Dichloroethene	20	21.59	20	20.77	108	104	80-131	4	30
cis-1,2-Dichloroethene	20	20.44	20	19.56	102	98	80-120	4	30
trans-1,2-Dichloroethene	20	20.41	20	19.74	102	99	80-120	3	30
1,2-Dichloropropane	20	20.47	20	19.66	102	98	80-120	4	30
cis-1,3-Dichloropropene	20	17.68	20	17.13	88	86	75-120	3	30
trans-1,3-Dichloropropene	20	17.47	20	16.69	87	83	67-120	5	30
Ethyl t-butyl ether	20	17.22	20	16.9	86	84	68-121	2	30
Ethylbenzene	20	19.09	20	18.42	95	92	80-120	4	30
di-Isopropyl ether	20	21.11	20	20.45	106	102	70-124	3	30
Isopropylbenzene	20	18.54	20	18.01	93	90	80-120	3	30
p-Isopropyltoluene	20	17.04	20	16.96	85	85	76-120	0	30
Methyl Tertiary Butyl Ether	20	17.5	20	16.94	87	85	69-122	3	30
Methylene Chloride	20	20.47	20	19.69	102	98	80-120	4	30
Naphthalene	20	15.84	20	15.73	79	79	53-124	1	30
n-Propylbenzene	20	17.89	20	17.83	89	89	79-121	0	30
1,1,2,2-Tetrachloroethane	20	17.04	20	17.25	85	86	72-120	1	30
Tetrachloroethene	20	19.16	20	18.44	96	92	80-120	4	30
Toluene	20	19.25	20	18.56	96	93	80-120	4	30
1,1,1-Trichloroethane	20	18.86	20	18.43	94	92	67-126	2	30
1,1,2-Trichloroethane	20	19.08	20	18.9	95	94	80-120	1	30
Trichloroethene	20	19.29	20	18.73	96	94	80-120	3	30
Trichlorofluoromethane	20	18.48	20	17.83	92	89	55-135	4	30

*- Outside of specification

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/18/2018 23:39

Group Number: 1984786

LCS/LCSD (continued)

Analysis Name	LCS Spike Added ug/l ug/l	LCS Conc	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,2,4-Trimethylbenzene	20	17.36	20	17.12	87	86	75-120	1	30
1,3,5-Trimethylbenzene	20	17.36	20	17.22	87	86	75-120	1	30
Vinyl Chloride	20	17.88	20	17.36	89	87	56-120	3	30
Xylene (Total)	60	54.86	60	53.54	91	89	80-120	2	30
Batch number: 4182581AA	Sample number(s): 9792188								
Acetone	150	168.42	150	144.48	112	96	54-157	15	30
Acrolein	150	161.9	150	142.35	108	95	47-136	13	30
Acrylonitrile	100	100.09	100	97.75	100	98	60-129	2	30
t-Amyl methyl ether	20	17.28	20	17.59	86	88	66-120	2	30
Benzene	20	20.57	20	21.13	103	106	80-120	3	30
Bromodichloromethane	20	19.73	20	19.75	99	99	71-120	0	30
Bromoform	20	16.51	20	16.77	83	84	51-120	2	30
Bromomethane	20	17.88	20	17.03	89	85	53-128	5	30
2-Butanone	150	149.16	150	148.13	99	99	59-135	1	30
t-Butyl alcohol	200	185.96	200	161.49	93	81	60-130	14	30
n-Butylbenzene	20	17.89	20	18.13	89	91	76-120	1	30
sec-Butylbenzene	20	17.95	20	18.02	90	90	77-120	0	30
Carbon Tetrachloride	20	23.14	20	23.16	116	116	64-134	0	30
Chlorobenzene	20	19.36	20	19.63	97	98	80-120	1	30
Chloroethane	20	17.77	20	17.68	89	88	55-123	1	30
2-Chloroethyl Vinyl Ether	20	18.12	20	18.29	91	91	49-124	1	30
Chloroform	20	21.92	20	22.05	110	110	80-120	1	30
Chloromethane	20	19.12	20	19.44	96	97	56-121	2	30
Dibromochloromethane	20	18.12	20	18.06	91	90	71-120	0	30
1,2-Dichlorobenzene	20	18.54	20	18.37	93	92	80-120	1	30
1,3-Dichlorobenzene	20	18.09	20	18.16	90	91	80-120	0	30
1,4-Dichlorobenzene	20	18.75	20	18.49	94	92	80-120	1	30
1,1-Dichloroethane	20	21.8	20	21.7	109	109	80-120	0	30
1,2-Dichloroethane	20	23.2	20	23.31	116	117	73-124	0	30
1,1-Dichloroethene	20	22.94	20	22.85	115	114	80-131	0	30
cis-1,2-Dichloroethene	20	20.86	20	20.92	104	105	80-120	0	30
trans-1,2-Dichloroethene	20	21.59	20	21.81	108	109	80-120	1	30
1,2-Dichloropropane	20	20.71	20	20.99	104	105	80-120	1	30
cis-1,3-Dichloropropene	20	18.3	20	18.6	91	93	75-120	2	30
trans-1,3-Dichloropropene	20	17.8	20	18.26	89	91	67-120	3	30
Ethyl t-butyl ether	20	17.17	20	17.62	86	88	68-121	3	30
Ethylbenzene	20	19.36	20	19.88	97	99	80-120	3	30
di-Isopropyl ether	20	20.58	20	20.77	103	104	70-124	1	30
Isopropylbenzene	20	18.99	20	19.8	95	99	80-120	4	30
p-Isopropyltoluene	20	17.92	20	18.12	90	91	76-120	1	30
Methyl Tertiary Butyl Ether	20	18.01	20	18.42	90	92	69-122	2	30
Methylene Chloride	20	21.07	20	21.31	105	107	80-120	1	30
Naphthalene	20	16.23	20	16.37	81	82	53-124	1	30

*- Outside of specification

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/18/2018 23:39

Group Number: 1984786

LCS/LCSD (continued)

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
n-Propylbenzene	20	18.66	20	18.52	93	93	79-121	1	30
1,1,2,2-Tetrachloroethane	20	17.99	20	16.95	90	85	72-120	6	30
Tetrachloroethene	20	19.97	20	20.61	100	103	80-120	3	30
Toluene	20	19.15	20	19.76	96	99	80-120	3	30
1,1,1-Trichloroethane	20	21.3	20	21.42	106	107	67-126	1	30
1,1,2-Trichloroethane	20	19.34	20	19.63	97	98	80-120	2	30
Trichloroethene	20	20.62	20	20.57	103	103	80-120	0	30
Trichlorofluoromethane	20	22.87	20	22.42	114	112	55-135	2	30
1,2,4-Trimethylbenzene	20	18.09	20	17.94	90	90	75-120	1	30
1,3,5-Trimethylbenzene	20	17.98	20	18.13	90	91	75-120	1	30
Vinyl Chloride	20	19.87	20	20.01	99	100	56-120	1	30
Xylene (Total)	60	56.2	60	57.73	94	96	80-120	3	30
Batch number: 4182601AA	Sample number(s): 9792177								
Methyl Tertiary Butyl Ether	20	17.39	20	18.12	87	91	69-122	4	30
Batch number: E182564AA	Sample number(s): 9792162-9792168,9792173-9792174,9792179,9792182,9792184-9792185,9792187								
Acetone	150	129.48	150	131.4	86	88	54-157	1	30
Acrolein	150	130.4	150	133.33	87	89	47-136	2	30
Acrylonitrile	100	87.71	100	87.89	88	88	60-129	0	30
t-Amyl methyl ether	20	19.56	20	19.93	98	100	66-120	2	30
Benzene	20	19.08	20	19.66	95	98	80-120	3	30
Bromodichloromethane	20	19.14	20	19.18	96	96	71-120	0	30
Bromoform	20	18.29	20	18.44	91	92	51-120	1	30
Bromomethane	20	16.46	20	16.59	82	83	53-128	1	30
2-Butanone	150	136.16	150	134.06	91	89	59-135	2	30
t-Butyl alcohol	200	205.62	200	210.73	103	105	60-130	2	30
n-Butylbenzene	20	19.1	20	19.79	96	99	76-120	4	30
sec-Butylbenzene	20	19.68	20	20.05	98	100	77-120	2	30
Carbon Tetrachloride	20	20.97	20	21.5	105	108	64-134	3	30
Chlorobenzene	20	19.11	20	19.66	96	98	80-120	3	30
Chloroethane	20	18.41	20	18.17	92	91	55-123	1	30
2-Chloroethyl Vinyl Ether	20	19.14	20	19.11	96	96	49-124	0	30
Chloroform	20	19.61	20	19.83	98	99	80-120	1	30
Chloromethane	20	21.05	20	21.08	105	105	56-121	0	30
Dibromochloromethane	20	19.79	20	19.78	99	99	71-120	0	30
1,2-Dichlorobenzene	20	19.49	20	19.54	97	98	80-120	0	30
1,3-Dichlorobenzene	20	19.2	20	19.42	96	97	80-120	1	30
1,4-Dichlorobenzene	20	19.48	20	19.72	97	99	80-120	1	30
1,1-Dichloroethane	20	19.93	20	20.55	100	103	80-120	3	30
1,2-Dichloroethane	20	19.54	20	19.63	98	98	73-124	0	30
1,1-Dichloroethene	20	21.15	20	22.17	106	111	80-131	5	30
cis-1,2-Dichloroethene	20	19.27	20	20.21	96	101	80-120	5	30
trans-1,2-Dichloroethene	20	20.06	20	19.7	100	99	80-120	2	30
1,2-Dichloropropane	20	18.9	20	20.2	94	101	80-120	7	30

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/18/2018 23:39

Group Number: 1984786

LCS/LCSD (continued)

Analysis Name	LCS Spike Added ug/l ug/l	LCS Conc	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
cis-1,3-Dichloropropene	20	18.72	20	19.3	94	97	75-120	3	30
trans-1,3-Dichloropropene	20	19.18	20	18.91	96	95	67-120	1	30
Ethyl t-butyl ether	20	20.26	20	20.49	101	102	68-121	1	30
Ethylbenzene	20	19.3	20	19.57	97	98	80-120	1	30
di-Isopropyl ether	20	20.36	20	20.66	102	103	70-124	1	30
Isopropylbenzene	20	19.29	20	19.83	96	99	80-120	3	30
p-Isopropyltoluene	20	20.01	20	20.65	100	103	76-120	3	30
Methyl Tertiary Butyl Ether	20	19.91	20	19.75	100	99	69-122	1	30
Methylene Chloride	20	19.09	20	19.75	95	99	80-120	3	30
Naphthalene	20	19.27	20	19.3	96	96	53-124	0	30
n-Propylbenzene	20	20.22	20	20.81	101	104	79-121	3	30
1,1,2,2-Tetrachloroethane	20	20.23	20	20.42	101	102	72-120	1	30
Tetrachloroethene	20	19.53	20	19.54	98	98	80-120	0	30
Toluene	20	19	20	19.53	95	98	80-120	3	30
1,1,1-Trichloroethane	20	19.58	20	19.79	98	99	67-126	1	30
1,1,2-Trichloroethane	20	19.97	20	20.06	100	100	80-120	0	30
Trichloroethene	20	19.35	20	19.24	97	96	80-120	1	30
Trichlorofluoromethane	20	15.52	20	15.91	78	80	55-135	2	30
1,2,4-Trimethylbenzene	20	19.8	20	20.17	99	101	75-120	2	30
1,3,5-Trimethylbenzene	20	19.89	20	20.07	99	100	75-120	1	30
Vinyl Chloride	20	17.89	20	17.96	89	90	56-120	0	30
Xylene (Total)	60	57.78	60	59.55	96	99	80-120	3	30
Batch number: E182574AA	Sample number(s): 9792167-9792168								
Acetone	150	136.64	150	130.85	91	87	54-157	4	30
Acrolein	150	127.27	150	131.36	85	88	47-136	3	30
Acrylonitrile	100	86.31	100	85.86	86	86	60-129	1	30
t-Amyl methyl ether	20	19.42	20	19.96	97	100	66-120	3	30
Benzene	20	18.4	20	19.4	92	97	80-120	5	30
Bromodichloromethane	20	18.86	20	19.64	94	98	71-120	4	30
Bromoform	20	20.42	20	20.04	102	100	51-120	2	30
Bromomethane	20	16.47	20	16.81	82	84	53-128	2	30
2-Butanone	150	132.79	150	131.92	89	88	59-135	1	30
t-Butyl alcohol	200	227.27	200	231.69	114	116	60-130	2	30
n-Butylbenzene	20	17.41	20	18.29	87	91	76-120	5	30
sec-Butylbenzene	20	17.7	20	19.35	88	97	77-120	9	30
Carbon Tetrachloride	20	20.01	20	22	100	110	64-134	9	30
Chlorobenzene	20	18.49	20	19.04	92	95	80-120	3	30
Chloroethane	20	17.73	20	18.81	89	94	55-123	6	30
2-Chloroethyl Vinyl Ether	20	17.05	20	18.11	85	91	49-124	6	30
Chloroform	20	18.97	20	19.94	95	100	80-120	5	30
Chloromethane	20	19.23	20	20.29	96	101	56-121	5	30
Dibromochloromethane	20	20.21	20	20.58	101	103	71-120	2	30
1,2-Dichlorobenzene	20	18.54	20	18.8	93	94	80-120	1	30

*- Outside of specification

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/18/2018 23:39

Group Number: 1984786

LCS/LCSD (continued)

Analysis Name	LCS Spike Added ug/l ug/l	LCS Conc	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,3-Dichlorobenzene	20	18.22	20	19.16	91	96	80-120	5	30
1,4-Dichlorobenzene	20	18.27	20	18.92	91	95	80-120	4	30
1,1-Dichloroethane	20	19.61	20	19.79	98	99	80-120	1	30
1,2-Dichloroethane	20	19.52	20	19.92	98	100	73-124	2	30
1,1-Dichloroethene	20	20.1	20	21.48	100	107	80-131	7	30
cis-1,2-Dichloroethene	20	19.51	20	19.84	98	99	80-120	2	30
trans-1,2-Dichloroethene	20	18.51	20	19.74	93	99	80-120	6	30
1,2-Dichloropropane	20	18.65	20	19.59	93	98	80-120	5	30
cis-1,3-Dichloropropene	20	19.04	20	19.62	95	98	75-120	3	30
trans-1,3-Dichloropropene	20	19.86	20	20.25	99	101	67-120	2	30
Ethyl t-butyl ether	20	20.04	20	20.45	100	102	68-121	2	30
Ethylbenzene	20	18.5	20	19.6	92	98	80-120	6	30
di-Isopropyl ether	20	20.38	20	20.67	102	103	70-124	1	30
Isopropylbenzene	20	18.29	20	19.62	91	98	80-120	7	30
p-Isopropyltoluene	20	18.48	20	19.28	92	96	76-120	4	30
Methylene Chloride	20	18.9	20	19.2	95	96	80-120	2	30
Naphthalene	20	18.85	20	18.36	94	92	53-124	3	30
n-Propylbenzene	20	18.5	20	19.75	92	99	79-121	7	30
1,1,2,2-Tetrachloroethane	20	19.86	20	19.87	99	99	72-120	0	30
Tetrachloroethene	20	17.95	20	19.24	90	96	80-120	7	30
Toluene	20	18.09	20	19.18	90	96	80-120	6	30
1,1,1-Trichloroethane	20	18.57	20	20.01	93	100	67-126	7	30
1,1,2-Trichloroethane	20	19.8	20	20.22	99	101	80-120	2	30
Trichloroethene	20	18.22	20	19.15	91	96	80-120	5	30
Trichlorofluoromethane	20	15.22	20	16.62	76	83	55-135	9	30
1,2,4-Trimethylbenzene	20	18.57	20	19.39	93	97	75-120	4	30
1,3,5-Trimethylbenzene	20	18.46	20	18.95	92	95	75-120	3	30
Vinyl Chloride	20	17.02	20	18.73	85	94	56-120	10	30
Xylene (Total)	60	55.37	60	58.3	92	97	80-120	5	30

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs 8260 Kleinfelder Full

Batch number: 4182571AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
9792169	104	101	102	99
9792170	103	101	101	99
9792171	104	100	102	98
9792172	104	103	101	99

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/18/2018 23:39

Group Number: 1984786

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs 8260 Kleinfelder Full

Batch number: 4182571AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
9792175	104	102	102	99
9792176	104	100	101	100
9792177	101	100	101	98
9792178	104	100	102	99
9792180	105	100	102	97
9792181	105	103	101	99
9792183	104	101	102	99
9792186	104	101	101	99
Blank	102	100	103	99
LCS	102	99	101	103
LCSD	101	100	101	101
Limits:	80-120	80-120	80-120	80-120

Analysis Name: VOCs 8260 Kleinfelder Full

Batch number: 4182581AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
9792188	104	101	100	100
Blank	108	105	100	100
LCS	108	102	99	103
LCSD	107	103	100	103
Limits:	80-120	80-120	80-120	80-120

Analysis Name: VOCs 8260 Kleinfelder Full

Batch number: E182564AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
9792162	99	100	101	99
9792163	100	102	101	99
9792164	102	102	100	100
9792165	100	97	101	99
9792166	100	99	100	99
9792173	101	101	101	99
9792174	101	100	100	99
9792179	100	101	102	100
9792182	99	101	101	100
9792184	101	100	102	101
9792185	101	99	101	100
9792187	101	100	101	100
Blank	99	98	99	100
LCS	100	104	101	100
LCSD	100	99	100	100

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/18/2018 23:39

Group Number: 1984786

Surrogate Quality Control (continued)

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs 8260 Kleinfelder Full
Batch number: E182564AA

Limits: 80-120 80-120 80-120 80-120

Analysis Name: VOCs 8260 Kleinfelder Full
Batch number: E182574AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
9792167	103	104	101	100
9792168	100	99	101	99
Blank	100	102	101	100
LCS	102	98	101	102
LCSD	100	104	101	102

Limits: 80-120 80- 120 80- 120 80- 120

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.



Analysis Request/Environmental Services Chain of Custody

For Lancaster Laboratories use only Acct. #: j2152
 Group # 10410 Sample #: 9792102-09

Client: Fairfax Petroleum	Acct. #:				Matrix			Analyses Requested										For Lab Use Only					
Project Name/#: 26140	PWSID #:				Portable	NPDES	Preservation Codes										FSC:						
Project Manager: Mark C. Steele	P.O. #:	51141-318064															SCR#:						
Sampler: <u>Evan McMullen</u>	Quote #:																Preservation Codes H=HCl T=Thiosulfate N=HNO3 B=NaOH S=H ₂ SO4 O=Other						
Name of State where samples were collected: Virginia																							
Sample Identification				Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	Full List VOCs (8260)										Remarks	
MW-17D (75)	9/5/18	0805	X		X						3	X											
MW-17D (81)	9/5/18	0915	X		X						3	X											
MW-17D (87.75)	9/5/18	1020	X		X						3	X											
MW-17D (92)	9/5/18	1120	X		X						3	X											
MW-17D (117)	9/5/18	1225	X		X						3	X											
MW-17D (129.75)	9/5/18	1320	X		X						3	X											
MW-17D (147)	9/5/18	1420	X		X						3	X											
Turnaround Time Requested (TAT) (please circle):	Normal	Rush																					
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)																							
Date results are needed:																							
Rush results requested by (please circle): Phone Fax E-mail																							
Phone #: _____ Fax #: _____																							
E-mail address: _____																							
Data Package Options (please circle if required)				SDG Complete?																			
Type I (validation/NJ reg)	TX-TRRP-13			Yes No																			
Type II (Tier II)	MA MCP	CT RCP																					
Type III (Reduced NJ)				State-specific QC (MS/MSD/Dup)? Yes No																			
Type IV (CLP SOW)				(If yes, indicate QC sample and submit triplecate volume)																			
Type VI (Raw Data Only)				Internal COC required? Yes No																			

Lancaster Laboratories, Inc. 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 717-656-2300

Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client



Analysis Request/Environmental Services Chain of Custody

For Lancaster Laboratories use only Acct. #: 12152
 Group #:1904702 Sample #: 9792102-09

Client: Fairfax Petroleum	Acct. #:				Matrix			Analyses Requested						For Lab Use Only		
Project Name/#: 26140	PWSID #:				Portable	NPDES								FSC:		
Project Manager: Mark C. Steele	P.O. #:	51141-318064			Soil	Water	Other							SCR#:		
Sampler: <u>Evan McMullen & Sean Lovell</u>	Quote #:													Preservation Codes		
Name of State where samples were collected: Virginia														Preservation Codes H=HCl T=Thiosulfate N=HNO3 B=NaOH S=H ₂ SO4 O=Other		
Sample Identification				Date Collected	Time Collected	Grab	Composite	Total # of Containers	Full List VOCs (8260)						Remarks	
MW-10	9/6/18	0905	X		X			3	X							
MW-24	9/6/18	0945	X		X			3	X							
MW-11	9/6/18	1050	X		X			3	X							
MW-2	9/6/18	1200	X		X			3	X							
MW-15	9/5/18	1415	X		X			3	X							
MW-3			X		X			3	X							
MW-16D (95)	9/6/18	1105	X		X			3	X							
SVE-2	9/6/18	1145	X		X			3	X							
MW-9			X		X			3	X							
PW-1 (65)	9/6/18	1300	X		X			3	X							
Turnaround Time Requested (TAT) (please circle): Normal <input checked="" type="radio"/> Rush <input type="radio"/> (Rush TAT is subject to Lancaster Laboratories approval and surcharge.)								Relinquished by: <u>S.M. Mc</u>		Date <u>9/6/18</u>	Time <u>1700</u>	Received by: <u>Lester room</u>	Date <u>9/6</u>	Time <u>1700</u>		
Date results are needed: _____								Relinquished by: <u>V. Whalen</u>		Date <u>9/7/18</u>	Time <u>13:57</u>	Received by: <u>J. Miller</u>	Date <u>9/7/18</u>	Time <u>13:57</u>		
Rush results requested by (please circle): Phone <input type="radio"/> Fax <input type="radio"/> E-mail <input type="radio"/>								Relinquished by: <u>M. Hansen</u>		Date <u>9-7-18</u>	Time <u>1655</u>	Received by: _____	Date _____	Time _____		
Phone #: _____ Fax #: _____								Relinquished by: _____		Date _____	Time _____	Received by: _____	Date _____	Time _____		
E-mail address: _____								Relinquished by: _____		Date _____	Time _____	Received by: _____	Date _____	Time _____		
Data Package Options (please circle if required)		SDG Complete? Yes <input type="radio"/> No <input checked="" type="radio"/>						Relinquished by: _____		Date _____	Time _____	Received by: _____	Date _____	Time _____		
Type I (validation/NJ reg)	TX-TRRP-13								Relinquished by: _____		Date _____	Time _____	Received by: _____	Date _____	Time _____	
Type II (Tier II)	MA MCP	CT RCP							Relinquished by: _____		Date _____	Time _____	Received by: _____	Date _____	Time _____	
Type III (Reduced NJ)	State-specific QC (MS/MSD/Dup)? Yes <input type="radio"/> No <input checked="" type="radio"/>						Relinquished by: _____		Date _____	Time _____	Received by: _____	Date _____	Time _____			
Type IV (CLP SOW)	(If yes, indicated QC sample and submit triplicate volume)						Relinquished by: _____		Date _____	Time _____	Received by: _____	Date _____	Time _____			
Type VI (Raw Data Only)	Internal COC required? Yes <input type="radio"/> No <input checked="" type="radio"/>						Relinquished by: _____		Date _____	Time _____	Received by: _____	Date _____	Time _____			

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Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client



Analysis Request/Environmental Services Chain of Custody

For Lancaster Laboratories use only Acct. # 12102
 Group # 10470 Sample #: 9792162-09

Client: Fairfax Petroleum	Acct. #:				Matrix			Analyses Requested							For Lab Use Only	
Project Name/#: 26140	PWSID #:				Soil	Water	Other	Preservation Codes							FSC:	SCR#:
Project Manager: Mark C. Steele	P.O. #: 51141-318064							H								
Sampler: Evan McMillan & Sean Powell	Quote #:															
Name of State where samples were collected: Virginia							Total # of Containers	Full List VOCs (8260)							Remarks	
Sample Identification				Date Collected	Time Collected	Grab	Composite									
RW-1	9/6/18	1400	X			X		3	X							
MW-5R	9/5/18	0930	X			X		3	X							
MW-7	9/5/18	1020	X			X		3	X							
MW-19D	9/6/18	0758	X			X		3	X							
MW-12D (110)	9/6/18	0955	X			X		3	X							
MW-26D (78)	9/5/18	0820	X			X		3	X							
MW-25D (90)	9/6/18	0851	X			X		3	X							
MW-6S	9/5/18	1125	X			X		3	X							
MW-6D (85)	9/5/18	1210	X			X		3	X							
MW-23D	9/6/18	0815	X			X		3	X							
MW-18D	9/5/18	1315	X			X		3	X							
Turnaround Time Requested (TAT) (please circle): Normal Rush							Relinquished by:		Date	Time	Received by:	Date	Time			
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)							<u>S.M. McMillan</u>		9/6/18	1700	Water room	9/6	1700			
Date results are needed:							Relinquished by:		Date	Time	Received by:	Date	Time			
Rush results requested by (please circle): Phone Fax E-mail							<u>V. W. McMillan</u>		9/7/18	13:37	<u>J. M. McMillan</u>	9/7/18	13:37			
Phone #: _____ Fax #: _____							Relinquished by:		Date	Time	Received by:	Date	Time			
E-mail address: _____							<u>S. M. McMillan</u>		9/7/18	1655	<u>J. M. McMillan</u>	9/7/18	1655			
Data Package Options (please circle if required)				SDG Complete?			Relinquished by:		Date	Time	Received by:	Date	Time			
Type I (validation/NJ reg)	TX-TRRP-13		Yes No													
Type II (Tier II)	MA MCP	CT RCP				Relinquished by:		Date	Time	Received by:	Date	Time				
Type III (Reduced NJ)			State-specific QC (MS/MSD/Dup)? Yes No													
Type IV (CLP SOW)			(If yes, indicate QC sample and submit triplecate volume)			Relinquished by:		Date	Time	Received by:	Date	Time				
Type VI (Raw Data Only)			Internal COC required? Yes No													

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Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client

Client: Fairfax Petroleum**Delivery and Receipt Information**

Delivery Method:	<u>ELLE Courier</u>	Arrival Timestamp:	<u>09/07/2018 16:55</u>
Number of Packages:	<u>2</u>	Number of Projects:	<u>1</u>
State/Province of Origin:	<u>VA</u>		

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace ≥ 6mm:	No
Samples Chilled:	Yes	Total Trip Blank Qty:	2
Paperwork Enclosed:	Yes	Trip Blank Type:	HCI
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	Yes		
Discrepancy in Container Qty on COC:	No		

Unpacked by Wanita Curry (14057) at 17:59 on 09/07/2018

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

<u>Cooler #</u>	<u>Thermometer ID</u>	<u>Corrected Temp</u>	<u>Therm. Type</u>	<u>Ice Type</u>	<u>Ice Present?</u>	<u>Ice Container</u>	<u>Elevated Temp?</u>
1	DT42-02	1.3	DT	Wet	Y	Bagged	N
2	DT42-02	1.8	DT	Wet	Y	Bagged	N

Extra Sample Details

<u>Sample ID on Label</u>	<u>Number of Extra Containers</u>	<u>Date on Label</u>	<u>Comments</u>
MW-1R	3	9/06/2018 12:45	

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

BMQL	Below Minimum Quantitation Level	mL	milliliter(s)
C	degrees Celsius	MPN	Most Probable Number
cfu	colony forming units	N.D.	non-detect
CP Units	cobalt-chloroplatinate units	ng	nanogram(s)
F	degrees Fahrenheit	NTU	nephelometric turbidity units
g	gram(s)	pg/L	picogram/liter
IU	International Units	RL	Reporting Limit
kg	kilogram(s)	TNTC	Too Numerous To Count
L	liter(s)	µg	microgram(s)
lb.	pound(s)	µL	microliter(s)
m3	cubic meter(s)	umhos/cm	micromhos/cm
meq	milliequivalents	MCL	Maximum Contamination Limit
mg	milligram(s)		
<	less than		
>	greater than		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Data Qualifiers

Qualifier	Definition
C	Result confirmed by reanalysis
D1	Indicates for dual column analyses that the result is reported from column 1
D2	Indicates for dual column analyses that the result is reported from column 2
E	Concentration exceeds the calibration range
K1	Initial Calibration Blank is above the QC limit and the sample result is ND
K2	Continuing Calibration Blank is above the QC limit and the sample result is ND
K3	Initial Calibration Verification is above the QC limit and the sample result is ND
K4	Continuing Calibration Verification is above the QC limit and the sample result is ND
J (or G, I, X)	Estimated value >= the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P	Concentration difference between the primary and confirmation column >40%. The lower result is reported.
P^	Concentration difference between the primary and confirmation column > 40%. The higher result is reported.
U	Analyte was not detected at the value indicated
V	Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference.
W	The dissolved oxygen uptake for the unseeded blank is greater than 0.20 mg/L.
Z	Laboratory Defined - see analysis report

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.

Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.



APPENDIX B

Lancaster Laboratories Analysis Reports – Groundwater Recovery System Samples



ANALYSIS REPORT

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

Report Date: July 16, 2018 15:35

Project: Fairfax 26140

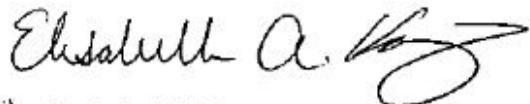
Account #: 12152
Group Number: 1962556
PO Number: 51141-318064
State of Sample Origin: VA

To view our laboratory's current scopes of accreditation please go to
<http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/>. Historical copies may be requested through your project manager.

Electronic Copy To Kleinfelder
Electronic Copy To Kleinfelder
Electronic Copy To Kleinfelder
Electronic Copy To Kleinfelder
Electronic Copy To Kleinfelder

Attn: Evan McMullen
Attn: Nathan Stevens
Attn: Jennifer Kozak
Attn: Venelda Williams
Attn: Mark Steele

Respectfully Submitted,



Elisabeth A. Knisley
Project Manager

(717) 556-7262



SAMPLE INFORMATION

<u>Client Sample Description</u>	<u>Sample Collection</u>	<u>ELLE#</u>
	<u>Date/Time</u>	
Influent Grab Water	07/05/2018 07:30	9690442
Air Stripper Effluent Grab Water	07/05/2018 07:25	9690443
LGAC2 Effluent Grab Water	07/05/2018 07:20	9690444
LGAC3 Effluent Grab Water	07/05/2018 07:15	9690445

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Sample Description: Influent Grab Water
Great Falls, VA
Fairfax Petroleum 26140

Kleinfelder
ELLE Sample #: WW 9690442
ELLE Group #: 1962556
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 07/05/2018 16:55
Collection Date/Time: 07/05/2018 07:30

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335 B	benzene	71-43-2	< 1	1	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	Chloroform	67-66-3	1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 1	1	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	29	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 E	ethylbenzene	100-41-4	< 1	1	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	300	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335	Tetrachloroethene	127-18-4	12	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1

Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 VOCs	SW-846 8260B	1	N181961AA	07/15/2018 14:26	Chelsea B Riehl	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N181961AA	07/15/2018 14:26	Chelsea B Riehl	1

Sample Description: Air Stripper Effluent Grab Water
Great Falls, VA
Fairfax Petroleum 26140

Kleinfelder
ELLE Sample #: WW 9690443
ELLE Group #: 1962556
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 07/05/2018 16:55
Collection Date/Time: 07/05/2018 07:25

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335 B	benzene	71-43-2	< 1	1	1
10335 E	ethylbenzene	100-41-4	< 1	1	1
10335 T	Methyl Tertiary Butyl Ether	1634-04-4	10	1	1
10335	oluene	108-88-3	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1

Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	N181941AA	07/13/2018 23:26	Patrick T Herres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N181941AA	07/13/2018 23:26	Patrick T Herres	1

Sample Description: **LGAC2 Effluent Grab Water**
Great Falls, VA
Fairfax Petroleum 26140

Kleinfelder
ELLE Sample #: **WW 9690444**
ELLE Group #: **1962556**
Matrix: Water

Project Name: **Fairfax 26140**

Submittal Date/Time: 07/05/2018 16:55
Collection Date/Time: 07/05/2018 07:20

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335 B	benzene	71-43-2	< 1	1	1
10335 E	ethylbenzene	100-41-4	< 1	1	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1

Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	N181941AA	07/13/2018 23:49	Patrick T Herres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N181941AA	07/13/2018 23:49	Patrick T Herres	1

Sample Description: LGAC3 Effluent Grab Water
Great Falls, VA
Fairfax Petroleum 26140

Kleinfelder
ELLE Sample #: WW 9690445
ELLE Group #: 1962556
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 07/05/2018 16:55
Collection Date/Time: 07/05/2018 07:15

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335 B	benzene	71-43-2	< 1	1	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335 C	chloroform	67-66-3	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 1	1	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335 cis	-1,2-Dichloroethene	156-59-2	< 1	1	1
10335 tra	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 E	ethylbenzene	100-41-4	< 1	1	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 T	tetrachloroethene	127-18-4	< 1	1	1
10335 T	toluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335 T	trichloroethene	79-01-6	< 1	1	1
10335 T	trichlorofluoromethane	75-69-4	< 1	1	1
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1

Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 VOCs	SW-846 8260B	1	N181941AA	07/14/2018 00:12	Patrick T Herres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N181941AA	07/14/2018 00:12	Patrick T Herres	1

Quality Control Summary

Client Name: Kleinfelder
Reported: 07/16/2018 15:35

Group Number: 1962556

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result ug/l	LOQ ug/l
Batch number: N181941AA		
Benzene	< 1	1
Carbon Tetrachloride	< 1	1
Chlorobenzene	< 1	1
Chloroethane	< 1	1
Chloroform	< 1	1
1,2-Dichlorobenzene	< 5	5
1,1-Dichloroethane	< 1	1
1,2-Dichloroethane	< 1	1
1,1-Dichloroethene	< 1	1
cis-1,2-Dichloroethene	< 1	1
trans-1,2-Dichloroethene	< 1	1
Ethylbenzene	< 1	1
Methyl Tertiary Butyl Ether	< 1	1
Methylene Chloride	< 1	1
Tetrachloroethene	< 1	1
Toluene	< 1	1
1,1,1-Trichloroethane	< 1	1
1,1,2-Trichloroethane	< 1	1
Trichloroethene	< 1	1
Trichlorofluoromethane	< 1	1
Vinyl Chloride	< 1	1
Xylene (Total)	< 1	1
Batch number: N181961AA		
Benzene	< 1	1
Carbon Tetrachloride	< 1	1
Chlorobenzene	< 1	1
Chloroethane	< 1	1
Chloroform	< 1	1
1,2-Dichlorobenzene	< 5	5
1,1-Dichloroethane	< 1	1
1,2-Dichloroethane	< 1	1
1,1-Dichloroethene	< 1	1
cis-1,2-Dichloroethene	< 1	1
trans-1,2-Dichloroethene	< 1	1
Ethylbenzene	< 1	1
Methyl Tertiary Butyl Ether	< 1	1
Methylene Chloride	< 1	1
Tetrachloroethene	< 1	1

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 07/16/2018 15:35

Group Number: 1962556

Method Blank (continued)

Analysis Name	Result	LOQ
	ug/l	ug/l
Toluene	< 1	1
1,1,1-Trichloroethane	< 1	1
1,1,2-Trichloroethane	< 1	1
Trichloroethene	< 1	1
Trichlorofluoromethane	< 1	1
Vinyl Chloride	< 1	1
Xylene (Total)	< 1	1

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: N181941AA Sample number(s): 9690443-9690445									
Benzene	20	21.49	20	21.17	107	106	80-120	2	30
Carbon Tetrachloride	20	20.62	20	20.41	103	102	64-134	1	30
Chlorobenzene	20	20.91	20	20.74	105	104	80-120	1	30
Chloroethane	20	22.88	20	22.16	114	111	61-123	3	30
Chloroform	20	21.17	20	20.84	106	104	80-120	2	30
1,2-Dichlorobenzene	20	20.15	20	19.71	101	99	80-120	2	30
1,1-Dichloroethane	20	20.18	20	19.77	101	99	80-120	2	30
1,2-Dichloroethane	20	18.77	20	18.6	94	93	73-124	1	30
1,1-Dichloroethene	20	22.55	20	22.88	113	114	80-131	1	30
cis-1,2-Dichloroethene	20	21.86	20	21.61	109	108	80-120	1	30
trans-1,2-Dichloroethene	20	22.15	20	21.77	111	109	80-120	2	30
Ethylbenzene	20	20.17	20	20.01	101	100	80-120	1	30
Methyl Tertiary Butyl Ether	20	17.88	20	17.76	89	89	75-120	1	30
Methylene Chloride	20	22.5	20	22.01	112	110	80-120	2	30
Tetrachloroethene	20	20.42	20	19.83	102	99	80-120	3	30
Toluene	20	21.2	20	20.79	106	104	80-120	2	30
1,1,1-Trichloroethane	20	19.91	20	19.7	100	98	67-126	1	30
1,1,2-Trichloroethane	20	21.11	20	21.02	106	105	80-120	0	30
Trichloroethene	20	20.71	20	20.05	104	100	80-120	3	30
Trichlorofluoromethane	20	21.35	20	21.14	107	106	60-136	1	30
Vinyl Chloride	20	21.71	20	21.2	109	106	68-120	2	30
Xylene (Total)	60	60.25	60	60.14	100	100	80-120	0	30
Batch number: N181961AA Sample number(s): 9690442									
Benzene	20	21.6	20	21.15	108	106	80-120	2	30
Carbon Tetrachloride	20	20.93	20	20.45	105	102	64-134	2	30
Chlorobenzene	20	20.79	20	20.85	104	104	80-120	0	30
Chloroethane	20	21.82	20	21.16	109	106	61-123	3	30

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 07/16/2018 15:35

Group Number: 1962556

LCS/LCSD (continued)

Analysis Name	LCS Spike Added ug/l ug/l	LCS Conc	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Chloroform	20	21.17	20	21.13	106	106	80-120	0	30
1,2-Dichlorobenzene	20	19.9	20	19.67	100	98	80-120	1	30
1,1-Dichloroethane	20	20.02	20	19.3	100	96	80-120	4	30
1,2-Dichloroethane	20	18.65	20	18.15	93	91	73-124	3	30
1,1-Dichloroethene	20	23.13	20	22.52	116	113	80-131	3	30
cis-1,2-Dichloroethene	20	21.77	20	21.41	109	107	80-120	2	30
trans-1,2-Dichloroethene	20	22.44	20	21.86	112	109	80-120	3	30
Ethylbenzene	20	20.32	20	19.94	102	100	80-120	2	30
Methyl Tertiary Butyl Ether	20	17.44	20	17.34	87	87	75-120	1	30
Methylene Chloride	20	22.5	20	22.04	112	110	80-120	2	30
Tetrachloroethene	20	20.31	20	20.13	102	101	80-120	1	30
Toluene	20	21.38	20	20.91	107	105	80-120	2	30
1,1,1-Trichloroethane	20	20.04	20	19.81	100	99	67-126	1	30
1,1,2-Trichloroethane	20	20.64	20	20.7	103	103	80-120	0	30
Trichloroethene	20	20.31	20	20.19	102	101	80-120	1	30
Trichlorofluoromethane	20	20.29	20	19.93	101	100	60-136	2	30
Vinyl Chloride	20	19.77	20	19.83	99	99	68-120	0	30
Xylene (Total)	60	60.49	60	60.04	101	100	80-120	1	30

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 8260 VOCs

Batch number: N181941AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
9690443	107	106	97	88
9690444	107	108	98	87
9690445	109	111	97	86
Blank	107	109	98	87
LCS	101	102	101	99
LCSD	100	101	101	100
Limits:	80-120	80-120	80-120	80-120

Analysis Name: 8260 VOCs

Batch number: N181961AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
9690442	104	104	98	88
Blank	108	106	99	85
LCS	100	101	101	107

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 07/16/2018 15:35

Group Number: 1962556

Surrogate Quality Control (continued)

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 8260 VOCs
Batch number: N181961AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
LCSD	100	101	102	100
Limits:	80-120	80-	120 80-	120

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.



Analysis Request/Environmental Services Chain of Custody

For Lancaster Laboratories use only Acct. #: 12152
 Group #: 462556 Sample #: 9690442-45

Client: Fairfax Petroleum	Acct. #:	Matrix <div style="display: flex; align-items: center; justify-content: space-around;"> <div style="text-align: center;"> <input type="checkbox"/> Po^{able} <input type="checkbox"/> NPDES <input type="checkbox"/> Other </div> <div style="text-align: center;"> <input type="checkbox"/> Water <input type="checkbox"/> Soil <input type="checkbox"/> Composite <input type="checkbox"/> Grab </div> </div>						Analyses Requested Preservation Codes						For Lab Use Only						
Project Name/#: Great Falls	PWSID #:													FSC:						
Project Manager: Mark C. Steele	P.O. #: 51141-318064	SCR#:																		
Sampler: <u>Brian Johnson</u>	Quote #:													<small>Preservation Codes</small> <small>H=HCl T=Thiosulfate</small> <small>N=NH₃ B=NaOH</small> <small>S=H₂SO₄ O=Other</small>						
Name of State where samples were collected: Virginia														<small>Temperature of samples upon receipt</small> <small>(if requested)</small>						
Sample Identification		Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	BTEX/MTBE (8220)	26140 VPDES List									Remarks
Influent		<u>7/5/18</u>	<u>0730</u>	X			X		<u>3</u>		X									
Air Stripper Effluent		<u>7/5/18</u>	<u>0725</u>	X			X		<u>3</u>		X									
LGAC1 Effluent				X			X			X										<u>NOT SAMPLED</u>
LGAC2 Effluent		<u>7/5/18</u>	<u>0720</u>	X			X		<u>3</u>	X										
LGAC3 Effluent		<u>7/5/18</u>	<u>0715</u>	X			X		<u>3</u>		X									
Turnaround Time Requested (TAT) (please circle): Normal Rush <small>(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)</small>										Relinquished by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>1130</u> Received by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>1130</u> Relinquished by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>14:00</u> Received by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>14:00</u> Relinquished by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u> Received by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u> Relinquished by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u> Received by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u> Relinquished by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u> Received by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u> Relinquished by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u> Received by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u> Relinquished by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u> Received by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u> Relinquished by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u> Received by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u>										
Data Package Options (please circle if required) Type I (validation/NJ reg) TX-TRRP-13 SDG Complete? Yes No										Relinquished by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u> Received by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u>										
Type II (Tier II) MA MCP CT RCP										Relinquished by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u> Received by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u>										
Type III (Reduced NJ) State-specific QC (MS/MSD/Dup)? Yes No										Relinquished by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u> Received by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u>										
Type IV (CLP SOW) (If yes, indicate QC sample and submit triplecate volume)										Relinquished by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u> Received by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u>										
Type VI (Raw Data Only) Internal COC required? Yes No										Relinquished by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u> Received by: <u>Coley Room</u> Date <u>7/5/18</u> Time <u>16:00</u>										

Lancaster Laboratories, Inc. 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 717-656-2300

Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client

Sample Administration
Receipt Documentation Log

Doc Log ID:

220864



Group Number(s): 1462SS56

Client: Fairfax Petroleum

Delivery and Receipt Information

Delivery Method: ELLE Courier Arrival Timestamp: 07/05/2018 16:55
 Number of Packages: 1 Number of Projects: 1
 State/Province of Origin: VA

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace ≥ 6mm:	N/A
Samples Chilled:	Yes	Total Trip Blank Qty:	0
Paperwork Enclosed:	Yes	Air Quality Samples Present:	No
Samples Intact:	Yes		
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Wanita Curry (14057) at 17:18 on 07/05/2018

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT146	4.7	DT	Wet	Y	Bagged	N

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

BMQL	Below Minimum Quantitation Level	mL	milliliter(s)
C	degrees Celsius	MPN	Most Probable Number
cfu	colony forming units	N.D.	non-detect
CP Units	cobalt-chloroplatinate units	ng	nanogram(s)
F	degrees Fahrenheit	NTU	nephelometric turbidity units
g	gram(s)	pg/L	picogram/liter
IU	International Units	RL	Reporting Limit
kg	kilogram(s)	TNTC	Too Numerous To Count
L	liter(s)	µg	microgram(s)
lb.	pound(s)	µL	microliter(s)
m3	cubic meter(s)	umhos/cm	micromhos/cm
meq	milliequivalents	MCL	Maximum Contamination Limit
mg	milligram(s)		
<	less than		
>	greater than		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Data Qualifiers

Qualifier	Definition
C	Result confirmed by reanalysis
D1	Indicates for dual column analyses that the result is reported from column 1
D2	Indicates for dual column analyses that the result is reported from column 2
E	Concentration exceeds the calibration range
K1	Initial Calibration Blank is above the QC limit and the sample result is ND
K2	Continuing Calibration Blank is above the QC limit and the sample result is ND
K3	Initial Calibration Verification is above the QC limit and the sample result is ND
K4	Continuing Calibration Verification is above the QC limit and the sample result is ND
J (or G, I, X)	Estimated value >= the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P	Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U	Analyte was not detected at the value indicated
V	Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference.
W	The dissolved oxygen uptake for the unseeded blank is greater than 0.20 mg/L.
Z	Laboratory Defined - see analysis report

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.

Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.



ANALYSIS REPORT

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

Report Date: August 20, 2018 12:31

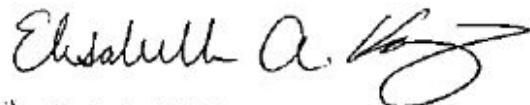
Project: Fairfax 26140

Account #: 12152
Group Number: 1973869
PO Number: 51141-318064
State of Sample Origin: VA

Electronic Copy To Kleinfelder
Electronic Copy To Kleinfelder
Electronic Copy To Kleinfelder
Electronic Copy To Kleinfelder
Electronic Copy To Kleinfelder

Attn: Mark Steele
Attn: Venelda Williams
Attn: Jennifer Kozak
Attn: Evan McMullen
Attn: Nathan Stevens

Respectfully Submitted,



Elisabeth A. Knisley
Project Manager

(717) 556-7262

To view our laboratory's current scopes of accreditation please go to <http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/>. Historical copies may be requested through your project manager.



SAMPLE INFORMATION

<u>Client Sample Description</u>	<u>Sample Collection</u>	<u>ELLE#</u>
	<u>Date/Time</u>	
Influent Grab Water	08/06/2018 07:45	9741244
Air Stripper Effluent Grab Water	08/06/2018 07:40	9741245
LGAC1 Effluent Grab Water	08/06/2018 07:35	9741246
Effluent Grab Water	08/06/2018 07:30	9741247

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-6766 • www.EurofinsUS.com/LancLabsEnv

Sample Description: Influent Grab Water
Great Falls, VA
Fairfax Petroleum 26140

Kleinfelder
ELLE Sample #: WW 9741244
ELLE Group #: 1973869
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 08/07/2018 15:15
Collection Date/Time: 08/06/2018 07:45

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335 B	benzene	71-43-2	< 1	1	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335	Chloroform	67-66-3	1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 1	1	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	30	1	1
10335 tra	ns-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 E	ethylbenzene	100-41-4	< 1	1	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	140	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335	Tetrachloroethene	127-18-4	12	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	1	1	1
10335 T	richlorofluoromethane	75-69-4	< 1	1	1
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1

Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 VOCs	SW-846 8260B	1	E182301AA	08/18/2018 13:57	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E182301AA	08/18/2018 13:57	Jason M Long	1

Sample Description: Air Stripper Effluent Grab Water
Great Falls, VA
Fairfax Petroleum 26140

Kleinfelder
ELLE Sample #: WW 9741245
ELLE Group #: 1973869
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 08/07/2018 15:15
Collection Date/Time: 08/06/2018 07:40

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335 B	benzene	71-43-2	< 1	1	1
10335 E	ethylbenzene	100-41-4	< 1	1	1
10335 T	Methyl Tertiary Butyl Ether	1634-04-4	8	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1

Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	E182301AA	08/18/2018 14:38	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E182301AA	08/18/2018 14:38	Jason M Long	1

Sample Description: **LGAC1 Effluent Grab Water**
Great Falls, VA
Fairfax Petroleum 26140

Kleinfelder
ELLE Sample #: **WW 9741246**
ELLE Group #: **1973869**
Matrix: Water

Project Name: **Fairfax 26140**

Submittal Date/Time: 08/07/2018 15:15
Collection Date/Time: 08/06/2018 07:35

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles					
10335 B	benzene	71-43-2	< 1	1	1
10335 E	ethylbenzene	100-41-4	< 1	1	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335 T	oluene	108-88-3	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1

Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 BTEX, MTBE	SW-846 8260B	1	E182301AA	08/18/2018 14:58	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E182301AA	08/18/2018 14:58	Jason M Long	1

Sample Description: Effluent Grab Water
Great Falls, VA
Fairfax Petroleum 26140

Kleinfelder
ELLE Sample #: WW 9741247
ELLE Group #: 1973869
Matrix: Water

Project Name: Fairfax 26140

Submittal Date/Time: 08/07/2018 15:15
Collection Date/Time: 08/06/2018 07:30

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
	GC/MS Volatiles	SW-846 8260B	ug/l	ug/l	
10335 B	benzene	71-43-2	< 1	1	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335 C	chlorobenzene	108-90-7	< 1	1	1
10335 C	chloroethane	75-00-3	< 1	1	1
10335 C	chloroform	67-66-3	< 1	1	1
10335 1,2	-Dichlorobenzene	95-50-1	< 5	5	1
10335 1,1	-Dichloroethane	75-34-3	< 1	1	1
10335 1,2	-Dichloroethane	107-06-2	< 1	1	1
10335 1,1	-Dichloroethene	75-35-4	< 1	1	1
10335 cis	-1,2-Dichloroethene	156-59-2	< 1	1	1
10335 tra	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335 E	ethylbenzene	100-41-4	< 1	1	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 1	1	1
10335 T	tetrachloroethene	127-18-4	< 1	1	1
10335 T	toluene	108-88-3	< 1	1	1
10335 1,1	,1-Trichloroethane	71-55-6	< 1	1	1
10335 1,1	,2-Trichloroethane	79-00-5	< 1	1	1
10335 T	trichloroethene	79-01-6	< 1	1	1
10335 T	trichlorofluoromethane	75-69-4	< 1	1	1
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1

Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	8260 VOCs	SW-846 8260B	1	E182301AA	08/18/2018 14:17	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E182301AA	08/18/2018 14:17	Jason M Long	1

Quality Control Summary

Client Name: Kleinfelder
Reported: 08/20/2018 12:31

Group Number: 1973869

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result ug/l	LOQ ug/l
Batch number: E182301AA		
Benzene	< 1	1
Carbon Tetrachloride	< 1	1
Chlorobenzene	< 1	1
Chloroethane	< 1	1
Chloroform	< 1	1
1,2-Dichlorobenzene	< 5	5
1,1-Dichloroethane	< 1	1
1,2-Dichloroethane	< 1	1
1,1-Dichloroethene	< 1	1
cis-1,2-Dichloroethene	< 1	1
trans-1,2-Dichloroethene	< 1	1
Ethylbenzene	< 1	1
Methyl Tertiary Butyl Ether	< 1	1
Methylene Chloride	< 1	1
Tetrachloroethene	< 1	1
Toluene	< 1	1
1,1,1-Trichloroethane	< 1	1
1,1,2-Trichloroethane	< 1	1
Trichloroethene	< 1	1
Trichlorofluoromethane	< 1	1
Vinyl Chloride	< 1	1
Xylene (Total)	< 1	1

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: E182301AA									
Benzene	20	19.89			99		80-120		
Carbon Tetrachloride	20	19.61			98		64-134		
Chlorobenzene	20	19.45			97		80-120		
Chloroethane	20	18.62			93		61-123		
Chloroform	20	19.83			99		80-120		
1,2-Dichlorobenzene	20	19.68			98		80-120		
1,1-Dichloroethane	20	20.12			101		80-120		

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 08/20/2018 12:31

Group Number: 1973869

LCS/LCSD (continued)

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,2-Dichloroethane	20	19.14			96		73-124		
1,1-Dichloroethene	20	21.9			110		80-131		
cis-1,2-Dichloroethene	20	20.84			104		80-120		
trans-1,2-Dichloroethene	20	20.53			103		80-120		
Ethylbenzene	20	19.38			97		80-120		
Methyl Tertiary Butyl Ether	20	19.73			99		75-120		
Methylene Chloride	20	19.8			99		80-120		
Tetrachloroethene	20	19.39			97		80-120		
Toluene	20	19.54			98		80-120		
1,1,1-Trichloroethane	20	18			90		67-126		
1,1,2-Trichloroethane	20	20.24			101		80-120		
Trichloroethene	20	19.48			97		80-120		
Trichlorofluoromethane	20	18.64			93		60-136		
Vinyl Chloride	20	18.1			91		68-120		
Xylene (Total)	60	58.77			98		80-120		

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 8260 VOCs
Batch number: E182301AA

	Dibromofluoromethane 1,2-	Dichloroethane-d4 Toluene-d8	4-Bromofluorobenzene	
9741244	100	101	98	100
9741245	100	100	98	101
9741246	100	103	98	99
9741247	101	98	98	100
Blank	100	102	99	101
LCS	100	107	99	100
Limits:	80-120	80-	120	80-

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.



Analysis Request/Environmental Services Chain of Custody

For Lancaster Laboratories use only Acct. #: 12152
 Group #: 1973869 Sample #: 97412444-17

Client: Fairfax Petroleum	Acct. #:	Matrix						Analyses Requested						For Lab Use Only		
Project Name/#: Great Falls	PWSID #:				Potable	NPDES							FSC:			
Project Manager: Mark C. Steele	P.O. #:	51141-318064											SCR#:			
Sampler: <u>Bryan Johnson</u>	Quote #:												Preservation Codes H=HCl T=Thiosulfate N=HNO3 B=NaOH S=H ₂ SO4 O=Other			
Name of State where samples were collected: Virginia		Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	26140 VPDES List						Remarks
Sample Identification																
Influent		8/6/18	0745	X			X		3		X					
Air Stripper Effluent		8/6/18	0740	X			X		3		X					
LGAC1 Effluent		8/6/18	0735	X			X		3		X					
LGAC2 Effluent				X			X				X					
LGAC3 Effluent		8/6/18	0730	X			X		3		X					
Turnaround Time Requested (TAT) (please circle): Normal <input checked="" type="radio"/> Rush <input type="radio"/>								Relinquished by:	Date	Time	Received by:	Date	Time			
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)								<u>M</u>	8/6/18	1545	<u>Coleen Keen</u>	8/6/18	1545			
Date results are needed:								<u>V. Willis</u>	8/7/18	1105	<u>L. Cole</u>	8/7/18	1105			
Rush results requested by (please circle): Phone <input type="radio"/> Fax <input type="radio"/> E-mail <input checked="" type="radio"/>								<u>H</u>	1515	<u> </u>	<u> </u>	<u> </u>				
Phone #: _____ Fax #: _____ E-mail address: <u>mcsteele@kleinfelder.com</u>								<u>H</u>	1515	<u> </u>	<u> </u>	<u> </u>				
Data Package Options (please circle if required)		SDG Complete?						Relinquished by:	Date	Time	Received by:	Date	Time			
Type I (validation/NJ reg) TX-TRRP-13		Yes No						<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>				
Type II (Tier II) MA MCP CT RCP								<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>				
Type III (Reduced NJ)								<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>				
Type IV (CLP SOW)								<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>				
Type VI (Raw Data Only)								<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>				
State-specific QC (MS/MSD/Dup)? Yes <input type="radio"/> No <input checked="" type="radio"/>		(If yes, indicated QC sample and submit triplecate volume)						Relinquished by:	Date	Time	Received by:	Date	Time			
Internal COC required? Yes <input type="radio"/> No <input checked="" type="radio"/>								<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>				

Lancaster Laboratories, Inc. 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 717-656-2300

Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client

Client: Fairfax Petroleum**Delivery and Receipt Information**

Delivery Method: ELLE Courier Arrival Timestamp: 08/07/2018 15:15
 Number of Packages: 1 Number of Projects: 1
 State/Province of Origin: VA

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace ≥ 6mm:	N/A
Samples Chilled:	Yes	Total Trip Blank Qty:	0
Paperwork Enclosed:	Yes	Air Quality Samples Present:	No
Samples Intact:	Yes		
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Wanita Curry (14057) at 15:55 on 08/07/2018

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

<u>Cooler #</u>	<u>Thermometer ID</u>	<u>Corrected Temp</u>	<u>Therm. Type</u>	<u>Ice Type</u>	<u>Ice Present?</u>	<u>Ice Container</u>	<u>Elevated Temp?</u>
1	DT146	2.6	DT	Wet	Y	Bagged	N

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

BMQL	Below Minimum Quantitation Level	mL	milliliter(s)
C	degrees Celsius	MPN	Most Probable Number
cfu	colony forming units	N.D.	non-detect
CP Units	cobalt-chloroplatinate units	ng	nanogram(s)
F	degrees Fahrenheit	NTU	nephelometric turbidity units
g	gram(s)	pg/L	picogram/liter
IU	International Units	RL	Reporting Limit
kg	kilogram(s)	TNTC	Too Numerous To Count
L	liter(s)	µg	microgram(s)
lb.	pound(s)	µL	microliter(s)
m3	cubic meter(s)	umhos/cm	micromhos/cm
meq	milliequivalents	MCL	Maximum Contamination Limit
mg	milligram(s)		
<	less than		
>	greater than		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" are not performed within 15 minutes.

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Data Qualifiers

Qualifier	Definition
C	Result confirmed by reanalysis
D1	Indicates for dual column analyses that the result is reported from column 1
D2	Indicates for dual column analyses that the result is reported from column 2
E	Concentration exceeds the calibration range
K1	Initial Calibration Blank is above the QC limit and the sample result is ND
K2	Continuing Calibration Blank is above the QC limit and the sample result is ND
K3	Initial Calibration Verification is above the QC limit and the sample result is ND
K4	Continuing Calibration Verification is above the QC limit and the sample result is ND
J (or G, I, X)	Estimated value >= the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P	Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U	Analyte was not detected at the value indicated
V	Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference.
W	The dissolved oxygen uptake for the unseeded blank is greater than 0.20 mg/L.
Z	Laboratory Defined - see analysis report
R	Concentration difference between the primary and confirmation column > 40%. The higher result is reported.

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.

Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.